



2580 Creekview Road  
Moab, Utah 84532  
435/719-2018 435/719-2019 Fax

May 5, 2008

Diana Mason  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—XTO Energy, Inc.  
**LCU 12-16HX**  
1,762' FSL & 940' FWL, NW/4 SW/4, Section 16, T11S, R20E, SLB&M, Uintah County, Utah

Dear Diana:

On behalf of XTO Energy, Inc., Buys & Associates, Inc., respectfully submits the enclosed original and one copy of the Application for Permit to Drill (APD) for the above referenced Federal surface and SITLA mineral vertical well. The location of the surface and target location as well as all points along the intended well bore path are within Cause No. 259-01 and are not within 460 feet of the unit boundary or any uncommitted tracts. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan with APD Certification;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Ken Secrest of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink that reads 'Don Hamilton'.

Don Hamilton  
Agent for XTO Energy, Inc.

cc: Fluid Mineral Group, BLM—Vernal Field Office  
Ken Secrest, XTO Energy, Inc.

RIG SKID

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: ML-48772	6. SURFACE: Federal
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: XTO Energy, Inc.		8. UNIT or CA AGREEMENT NAME: Little Canyon Unit	
3. ADDRESS OF OPERATOR: P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066		9. WELL NAME and NUMBER: LCU 12-16HX	10. FIELD AND POOL, OR WILDCAT: <del>Not a valid</del> <i>Undersigned</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,762' FSL & 940' FWL, NW/4 SW/4 AT PROPOSED PRODUCING ZONE: 612118X 39.857992 4412608Y -109.689290		11. QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 16 11 20 S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 15.93 miles south of Ouray, Utah		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 940'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1,950'	19. PROPOSED DEPTH: 8,900	20. BOND DESCRIPTION: SITLA Blanket 104312 762	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,427'	22. APPROXIMATE DATE WORK WILL START: 5/1/2008	23. ESTIMATED DURATION: 14 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	8-5/8" J-55 ST 32#	2,000	see Drilling Plan 252/219/100
7-7/8"	5-1/2" Mav 80 L 17#	8,900	see Drilling Plan 160/435

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER        | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Don Hamilton

TITLE Agent for XTO Energy, Inc.

SIGNATURE Don Hamilton

DATE 5/5/2008

(This space for State use only)

API NUMBER ASSIGNED: 43-047-40078

Approved by the  
Utah Division of  
Oil, Gas and Mining

RIG SKID

Date: 05-15-08

By: [Signature]

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

COPY  
AMENDED REPORT ☐  
(highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME LITTLE CANYON UNIT	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: LCU 12-16H	
2. NAME OF OPERATOR: XTO Energy Inc.		9. API NUMBER: 4304736809	
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		PHONE NUMBER: (505) 333-3100	
10 FIELD AND POOL, OR WILDCAT NATURAL BUTTES		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 11S 20E S	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1747' FSL & 947' FWL  AT TOP PRODUCING INTERVAL REPORTED BELOW:  AT TOTAL DEPTH:		12. COUNTY UINTAH	
		13. STATE UTAH	

14. DATE SPURRED: 4/17/2008	15. DATE T.D. REACHED:	16. DATE COMPLETED: 5/3/2008	ABANDONED <input checked="" type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5423'
18. TOTAL DEPTH: MD 2220 CHD TVD 2130 PROP	19. PLUG BACK T.D.: MD TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" J-55	36.75#	0	40		RM 140		SURF	0
12.25"	9.63" J-55	36#	0	2,145		PREM 515		SURF	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A)								Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- |   |  |                                       |   |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS                         | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT   | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS   | <input type="checkbox"/> OTHER: _____ |   |

30. WELL STATUS:

RECEIVED  
MAY 12 2008

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

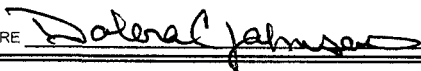
## 35. ADDITIONAL REMARKS (Include plugging procedure)

Well P&A f/ft collar up 300' & f/300' to surf w/cmt. Rig skidded to drill LCU 12-16HX. Marker still to be set.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) DOLENA JOHNSONTITLE OFFICE CLERK

SIGNATURE

DATE 5/8/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

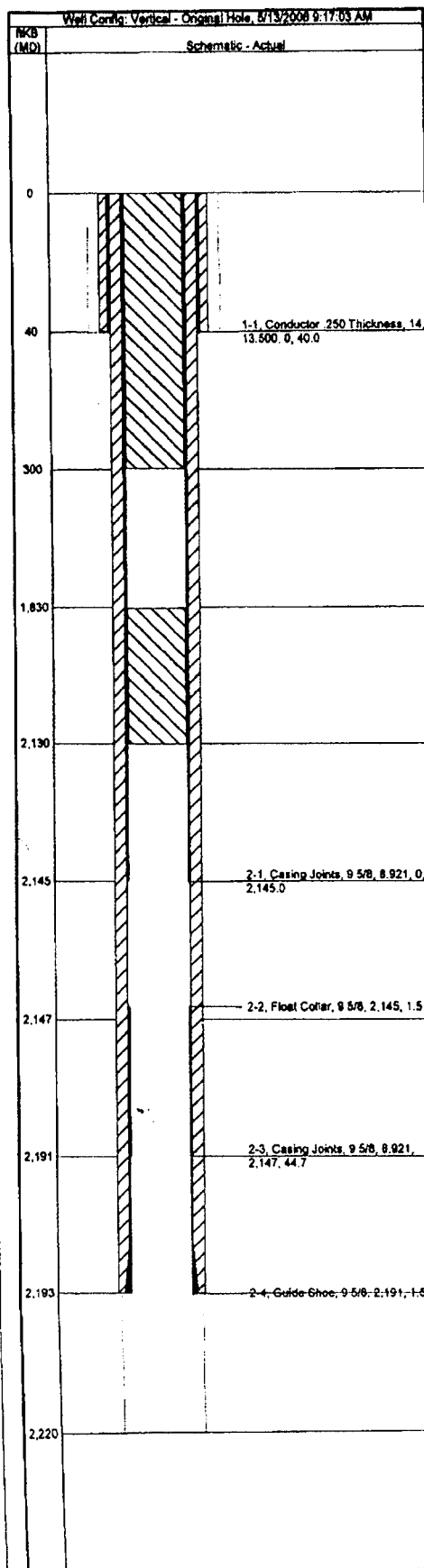
Fax: 801-359-3940



# Wellbores and Deviation



Well Name: LCU 12-16H



Wellbores					
Wellbore Name		Parent Wellbore		Start Depth (ftKB)	
Original Hole		Original Hole		0.0	
Kick Off Depth (ftKB)		Kick Off Method		Deviation Survey	
				Gyro	
Wellbore Sections					
Section	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	End Date
COND1	20	0.0	40.0	4/17/2008	4/18/2008
SURFACE	12 1/4	40.0	2,220.0	4/18/2008	4/21/2008
Deviation Surveys					
Date			Description		
4/23/2008			Gyro		
Survey Data					
Date	MD (ftKB)	Incl (°)	Azim (°)		
4/23/2008	0.00	0.00	0.00		
4/23/2008	100.00	0.25	120.91		
4/23/2008	200.00	0.76	193.63		
4/23/2008	300.00	0.28	285.64		
4/23/2008	400.00	0.51	141.72		
4/23/2008	500.00	0.69	222.30		
4/23/2008	600.00	0.15	1.77		
4/23/2008	700.00	0.60	169.93		
4/23/2008	800.00	0.51	248.70		
4/23/2008	900.00	0.13	23.76		
4/23/2008	1,000.00	0.56	161.11		
4/23/2008	1,100.00	0.72	200.23		
4/23/2008	1,200.00	1.22	207.85		
4/23/2008	1,300.00	2.05	194.45		
4/23/2008	1,400.00	4.04	182.40		
4/23/2008	1,500.00	6.73	176.75		
4/23/2008	1,600.00	9.41	173.09		
4/23/2008	1,700.00	11.75	172.10		
4/23/2008	1,800.00	13.92	170.14		
4/23/2008	1,900.00	16.68	168.35		
4/23/2008	2,000.00	19.20	167.94		
4/23/2008	2,068.00	21.17	168.21		

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER ML-48772
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY: AZTEC STATE: NM ZIP: 87410		7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1747' FSL & 947' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 11S 20E		8. WELL NAME and NUMBER: LCU 12-16H
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304736809
		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
		COUNTY: UTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion 5/3/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On, 05/03/2008, XTO Energy Inc. set 300' plug f/fit Collar up & cemented w/125 sx Class G cement mixed @ 15.8 ppg & 1.15 yield. Set 2nd 300' plug f/300' to surface & cemented w/150 sx Class G cement mixed @ 15.8 ppg & 1.15 yield. Cement was returned to surface. Notified Carol Daniels of Utah Oil & Gas on 05/02/2008.

P&A marker will be set at a later date. XTO will submit additional Sundry at that time.

NAME (PLEASE PRINT) DOLENA JOHNSON	TITLE OFFICE CLERK
SIGNATURE <i>Dolena Johnson</i>	DATE 5/8/2008

(This space for State use only)

RECEIVED

MAY 12 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-48772

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

Little Canyon Unit

8. WELL NAME and NUMBER:

LCU 12-16H

9. API NUMBER:

4304736809

10. FIELD AND POOL, OR WILDCAT:

undesigned

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

XTO Energy, Inc.

3. ADDRESS OF OPERATOR:

P.O. Box 1360

CITY

Roosevelt

STATE

UT

ZIP

84066

PHONE NUMBER:

(435) 722-4521

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1,747' FSL & 947' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 11S 20E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Rig Skid</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy, Inc. has plugged and abandon the LCU 12-16H and skid the rig to a new location on the existing pad. The new skid location will be named the LCU 12-16HX. The location was moved 16.55' northwest.

Following is the location of the LCU 12-16HX: 1,762' FSL & 940' FWL, NW/4 SW/4, Section 16, T11S, R20E, SLB&M

Attached please find a new APD for the LCU 12-16HX.

NAME (PLEASE PRINT) Don Hamilton

TITLE Agent for XTO Energy, Inc.

SIGNATURE

Don Hamilton

DATE 5/5/2008

(This space for State use only)

**T11S, R20E, S.L.B.&M.**

**XTO ENERGY, INC.**

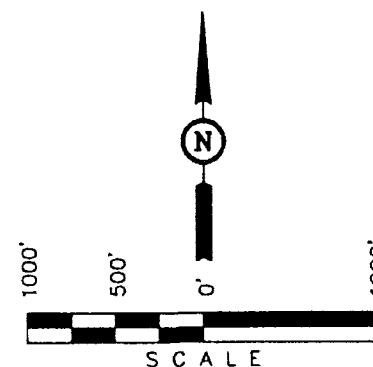
Well location, LCU #12-16HX, located as shown in NW 1/4 SW 1/4 of Section 16, T11S, R20E, S.L.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**CERTIFICATE**

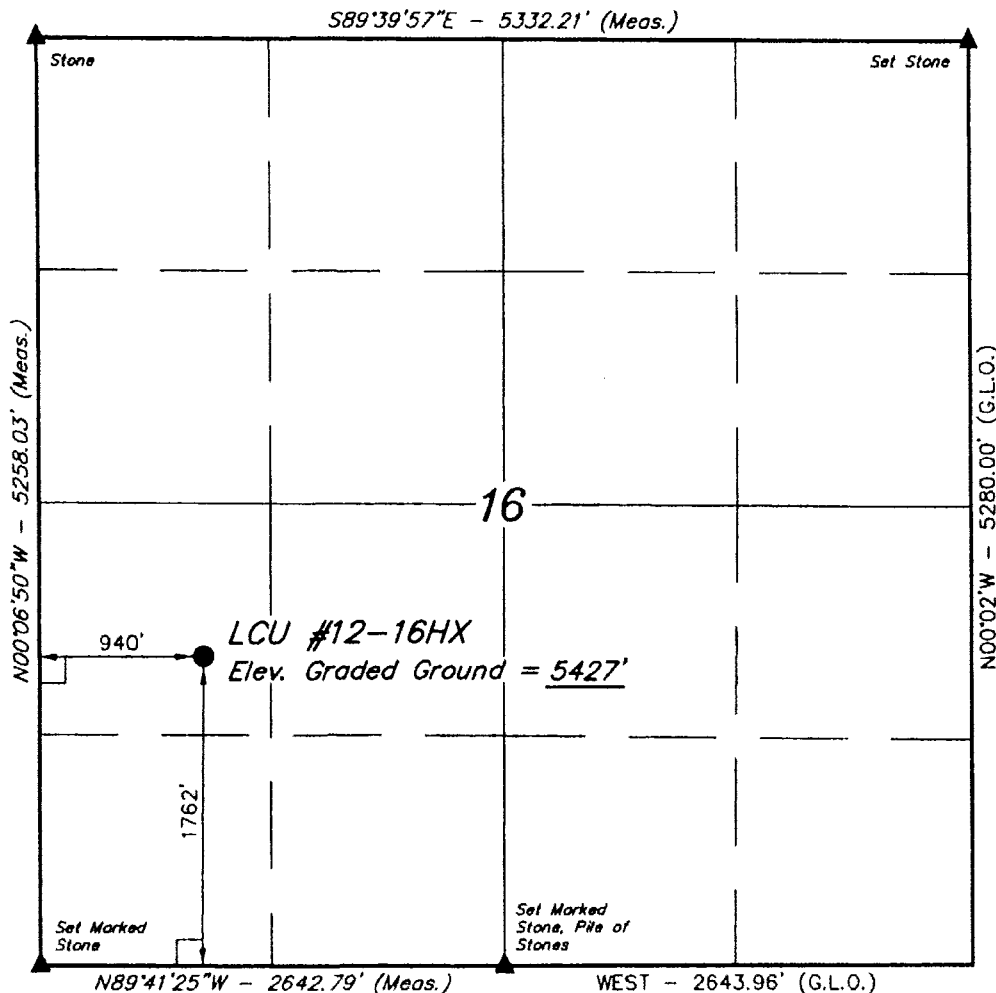
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert H. Hays*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 05-02-08

**UINTAH ENGINEERING & LAND SURVEYING**  
86 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-24-08	DATE DRAWN: 04-24-08
PARTY M.A. M.H. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE XTO ENERGY, INC.	



**LEGEND:**

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 39°51'28.55" (39.857931)  
LONGITUDE = 109°41'24.05" (109.690014)  
(NAD 27)  
LATITUDE = 39°51'28.68" (39.857967)  
LONGITUDE = 109°41'21.56" (109.689322)



## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** XTO Energy, Inc.  
**Address:** P.O. Box 1360; 978 North Crescent  
Roosevelt, Utah 84066  
**Well Location:** LCU 12-16HX  
1,762' FSL & 940' FWL  
Section 16-11S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,190'
Green River Tongue	3,510'
Wasatch	3,650'
Chapita Wells	4,575'
Uteland Buttes	5,705'
Mesaverde	6,325'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,190'	Oil
Green River Tongue	3,510'	Oil
Wasatch	3,650'	Gas
Chapita Wells	4,575'	Gas
Uteland Buttes	5,705'	Gas
Mesaverde	6,325'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,900'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.

Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' - 8,900'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	252	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	835 CF	35%
Tail	219	1,500'-2,000'	15.6 ppg	1.18 CFS	220 CF	297 CF	35%
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	95 CF	118 CF	24% (if required)

Lead Mix: Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,900'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-8,900'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: A caliper log will be ran to determine cement volume requirements.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 1, 2008  
Duration: 14 Days

## **SURFACE USE PLAN**

### **CONDITIONS OF APPROVAL**

#### *Attachment for Permit to Drill*

**Name of Operator:** XTO Energy, Inc.  
**Address:** P.O. Box 1360; 978 North Crescent  
Roosevelt, Utah 84066  
**Well Location:** 1CU 12-16HX  
1,762' FSL & 940' FWL.,  
Section 16-11S-20E  
Uintah County, UT

**The referenced well is located on Federal surface, BLM surface use must be obtained prior to any surface disturbing activities and is being requested through a sundry notice application since all activities will be located within the Little Canyon Federal Unit boundary.**

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

A state onsite inspection, if required, is pending at this time.

The federal onsite inspection for the referenced well was conducted on Wednesday, June 15, 2005 at approximately 11:45 am. In attendance at the onsite inspection were the following individuals:

Brandon Bowthorpe	Surveyor	Uintah Engineering and Land Surveying
Jesse Merkley	Surveyor Helper	Uintah Engineering and Land Surveying
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Amy Torres	Biologist	Bureau of Land Management – Vernal
Don Hamilton	Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. The proposed well site is located approximately 15.93 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing Little Canyon Unit boundary.

2. Planned Access Roads:

- a. From the proposed road that will access the LCU 6-16H an access is proposed trending south approximately 0.4 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. BLM approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.4 miles long and adequate site distance exists in all directions.
- f. No culverts or low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the north side of the well site and traverse 2,122' north to the proposed pipeline that will service the LCU 6-16H.
- i. The new gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 2,122' is associated with this well.
- j. XTO Energy intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. XTO Energy intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the west side of the pad.

- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy disposal well for disposal.
- k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northeast.
- c. The pad and road designs are consistent with BLM and SITLA specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Tribal and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed



for production facilities/operations will be recontoured to the approximate natural contours.

- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be specified within the approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report will be submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the federal onsite inspection are:
  - a. No drainage crossings that require additional State or Federal approval are being crossed.
  - b. A biological review by the BLM and Buys & Associates, Inc. will be necessary to confirm the presence of threatened and endangered flora and fauna species.
  - c. No raptor habitat is known to exist within 1 mile of the proposed wellsite.
  - d. A small ditch will divert surface runoff around the south edge of the pad.
  - e. The proposed access road was moved 50' west at the entrance of the pad.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Agent for XTO Energy	Don Hamilton	1-435-719-2018

Certification:

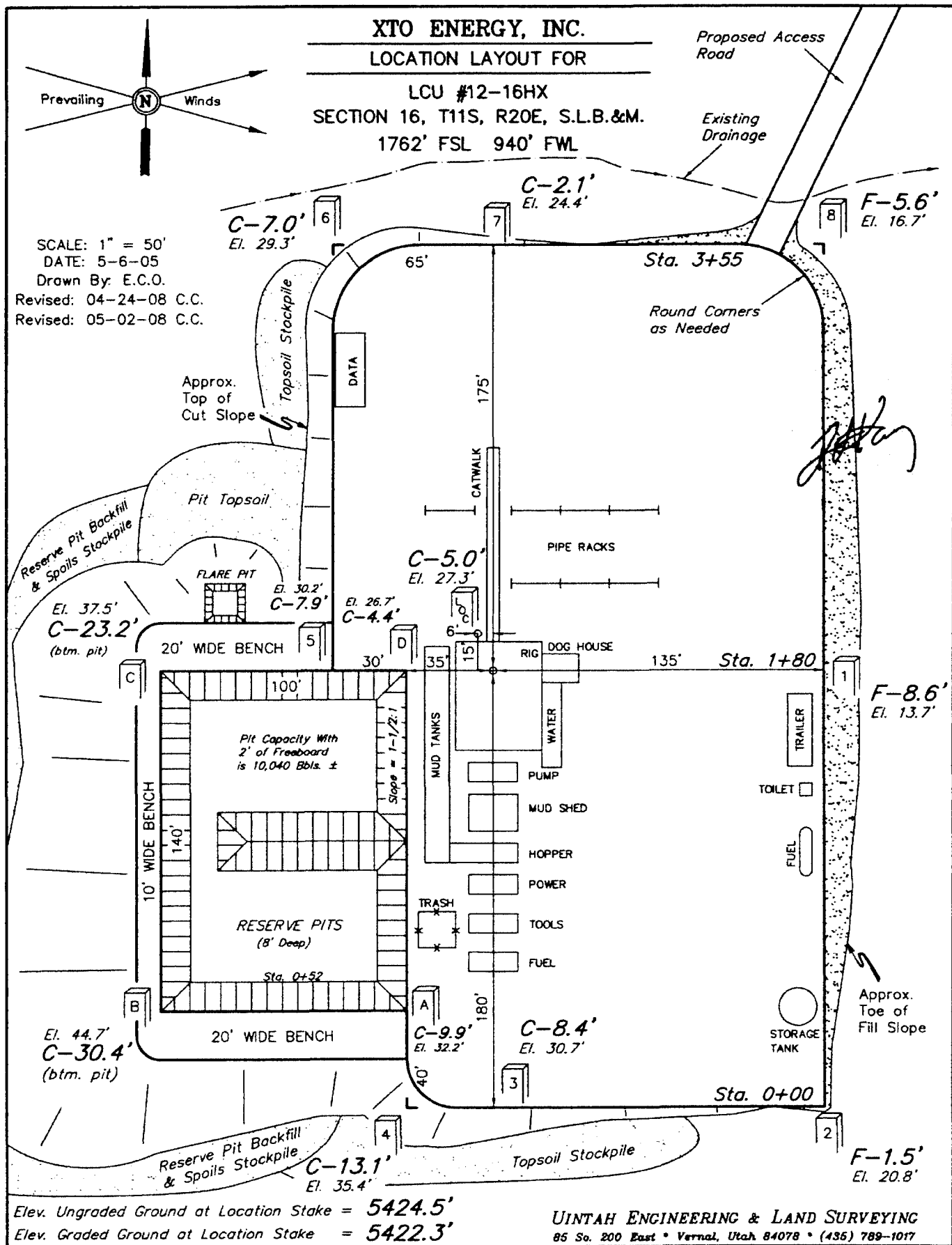
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by XTO Energy and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under XTO's State and BLM bonds. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: May 5, 2008

**XTO ENERGY, INC.**  
**LCU #12-16HX**  
**SECTION 16, T11S, R20E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE EXISTING #6-16H AND AN EXISTING ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE EXISTING #12-16H AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.75 MILES.



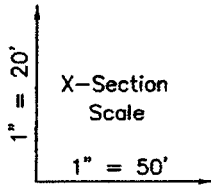
# XTO ENERGY, INC.

## TYPICAL CROSS SECTIONS FOR

LCU #12-16HX

SECTION 16, T11S, R20E, S.L.B.&M.

1762' FSL 940' FWL

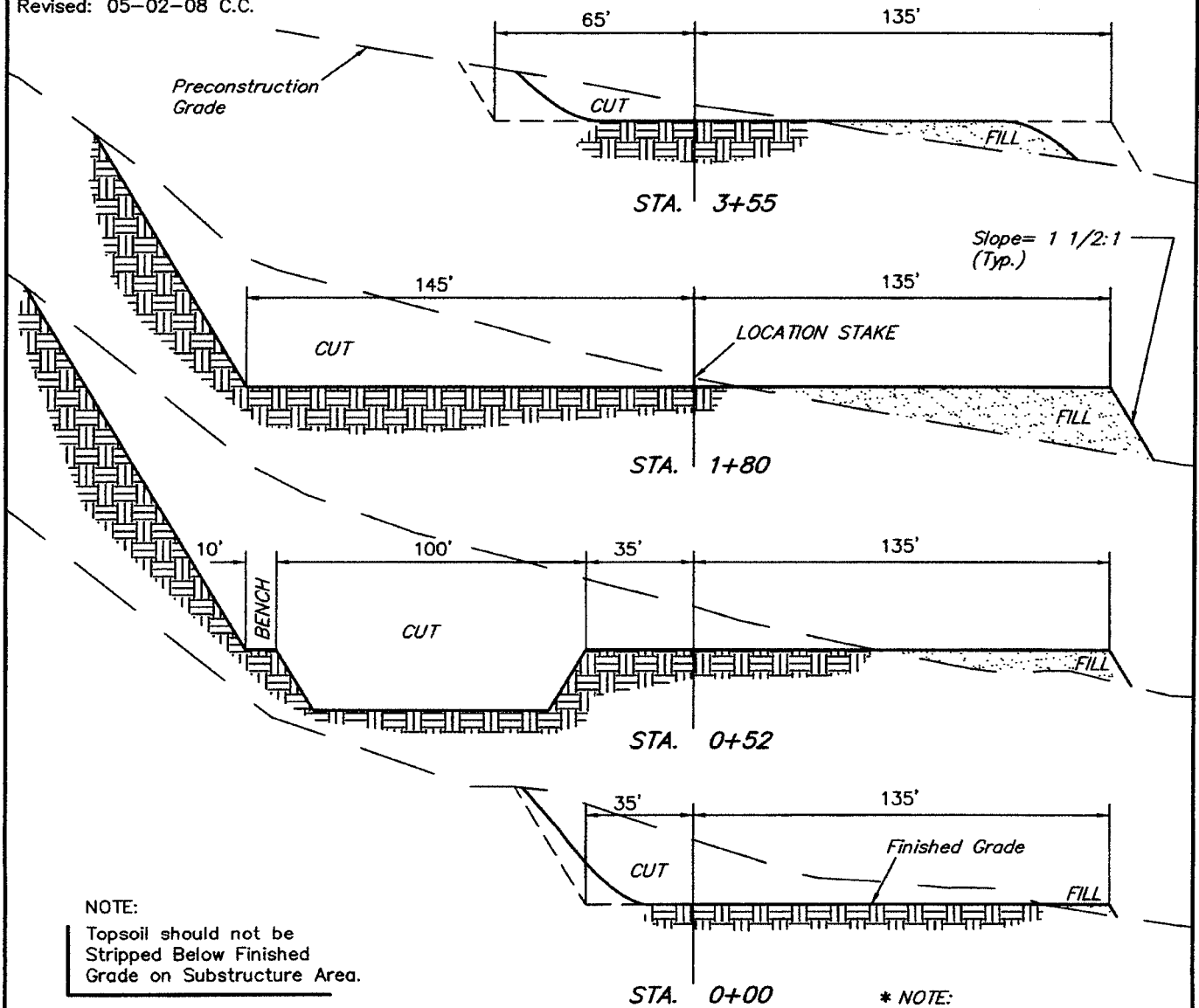


DATE: 5-6-05

Drawn By: E.C.O.

Revised: 04-24-08 C.C.

Revised: 05-02-08 C.C.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 2,170 Cu. Yds.

Remaining Location = 22,560 Cu. Yds.

TOTAL CUT = 24,730 CU.YDS.

FILL = 6,390 CU.YDS.

EXCESS MATERIAL = 18,340 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,730 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 14,610 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**XTO ENERGY, INC.**  
**LCU #12-16HX**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 16, T11S, R20E, S.L.B.&M.**



**PHOTO: VIEW OF LOCATION STAKE**

**CAMERAANGLE: WESTERLY**



- Since 1964 -

**EIS**

Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

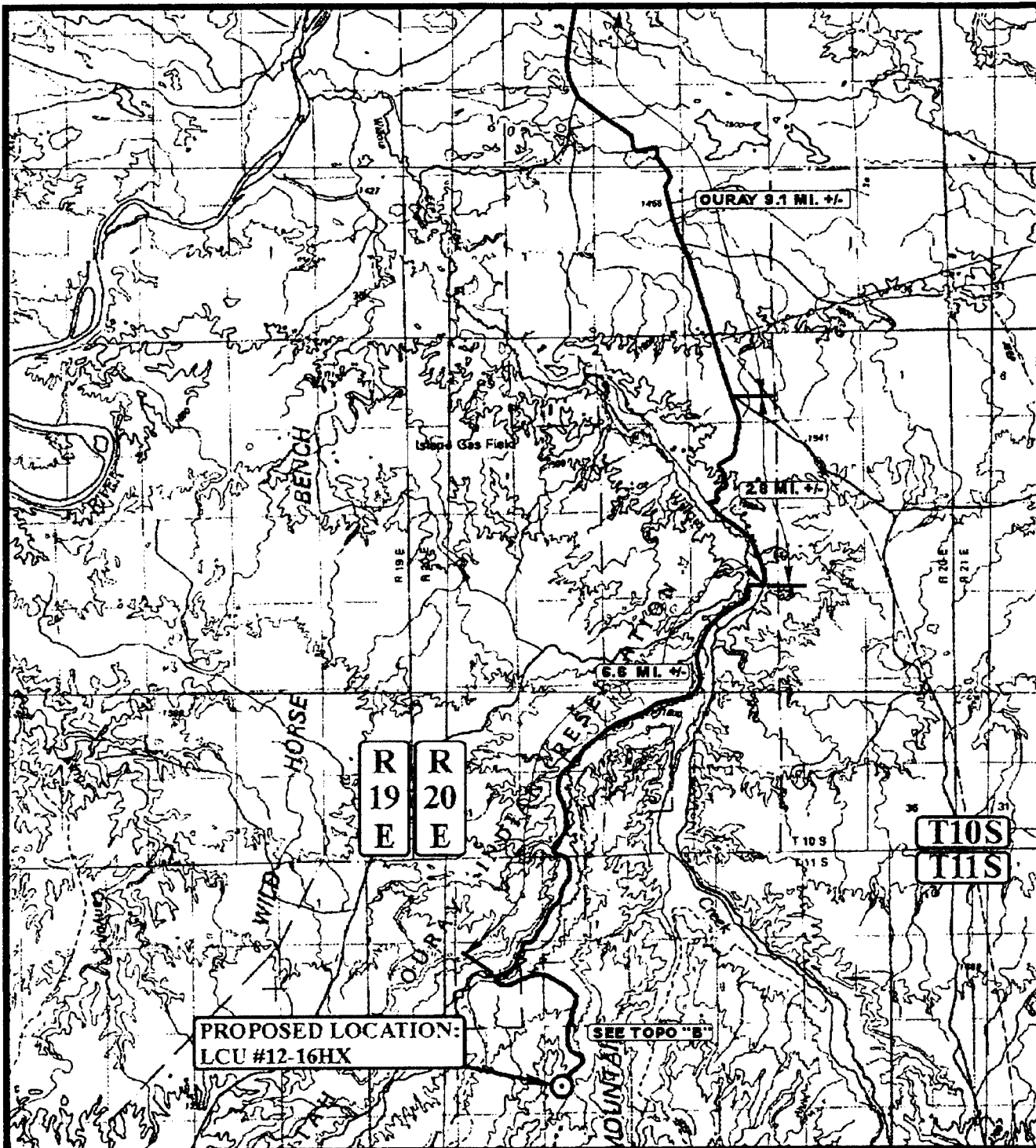
**05 02 05**  
MONTH DAY YEAR

**PHOTO**

**TAKEN BY: M.A.**

**DRAWN BY: C.P.**

**REV: 04-24-08 C.C.**



# LEGEND:

○ PROPOSED LOCATION

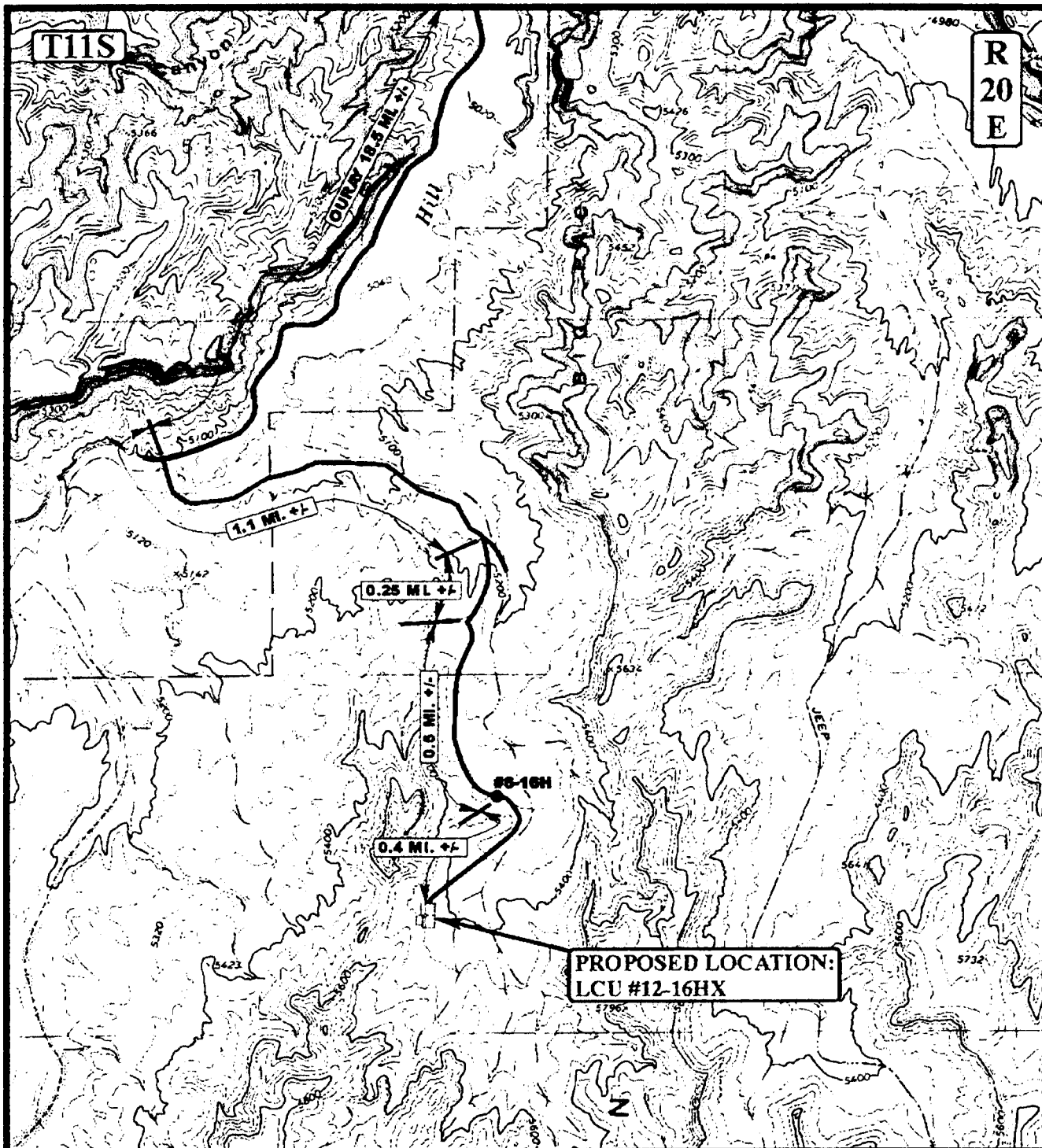
XTO ENERGY, INC.

LCU #12-16HX  
SECTION 16, T11S, R20E, S.L.B.&M.  
1762' FSL 940' FWL

**U E I S**  
 Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 • FAX (435) 789-1813

2005-02-05  
 MAP  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: CP. REV: 05-02-08 C.C.

**A**  
 TOPO



# LEGEND:

————— EXISTING ROAD  
 - - - - - PROPOSED ACCESS ROAD

XTO ENERGY, INC.

LCU #12-16HX  
 SECTION 16, T11S, R20E, S.L.B.&M.  
 1762' FSL 940' FWL



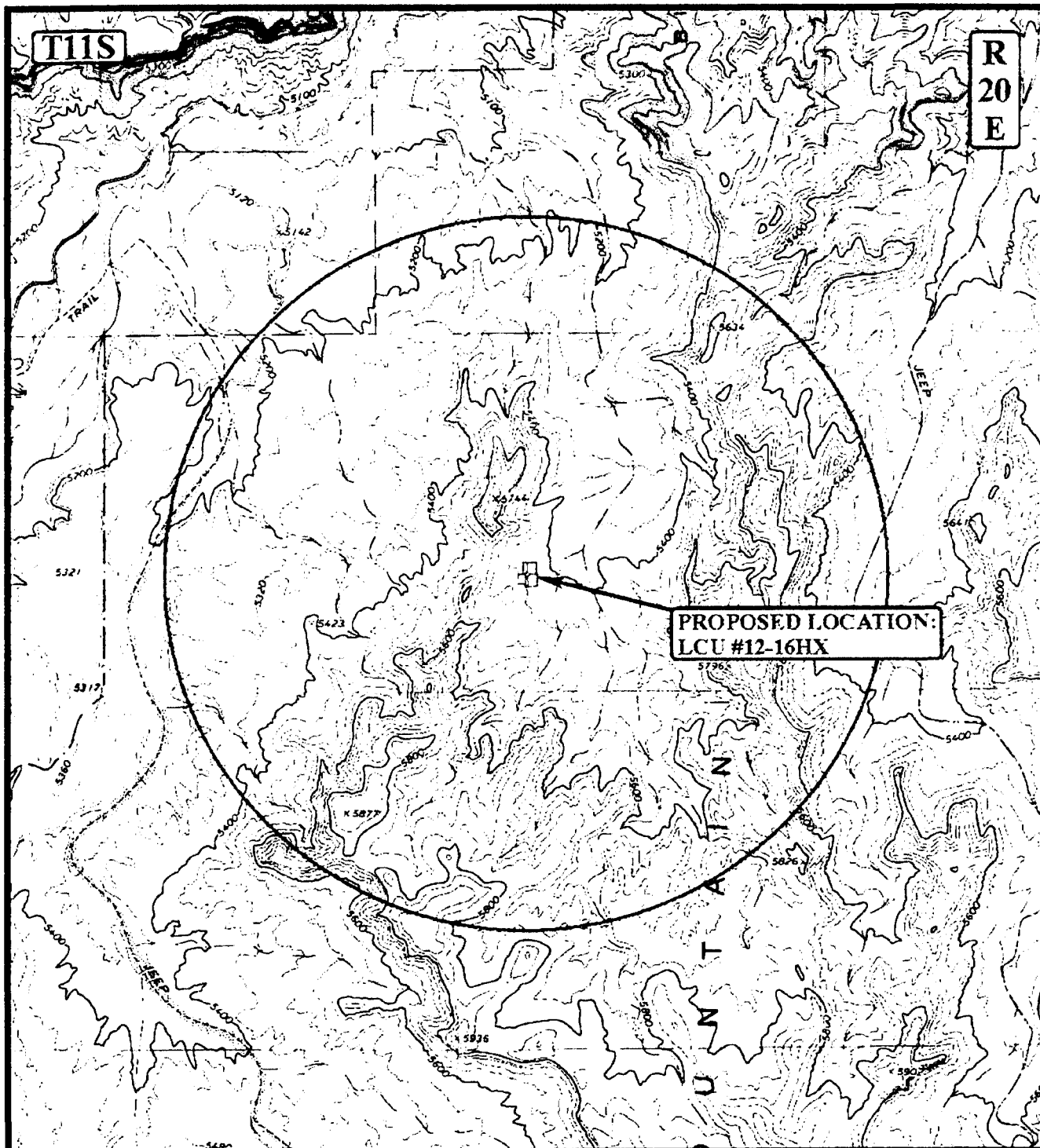
Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 • FAX (435) 789-1813



TOPOGRAPHIC MAP  
 MONTH DAY YEAR  
 05 02 05  
 SCALE: 1" = 2000' DRAWN BY: CP. REV: 05-02-08 C.C.

**B**  
 TOPO





# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 • FAX (435) 789-1813

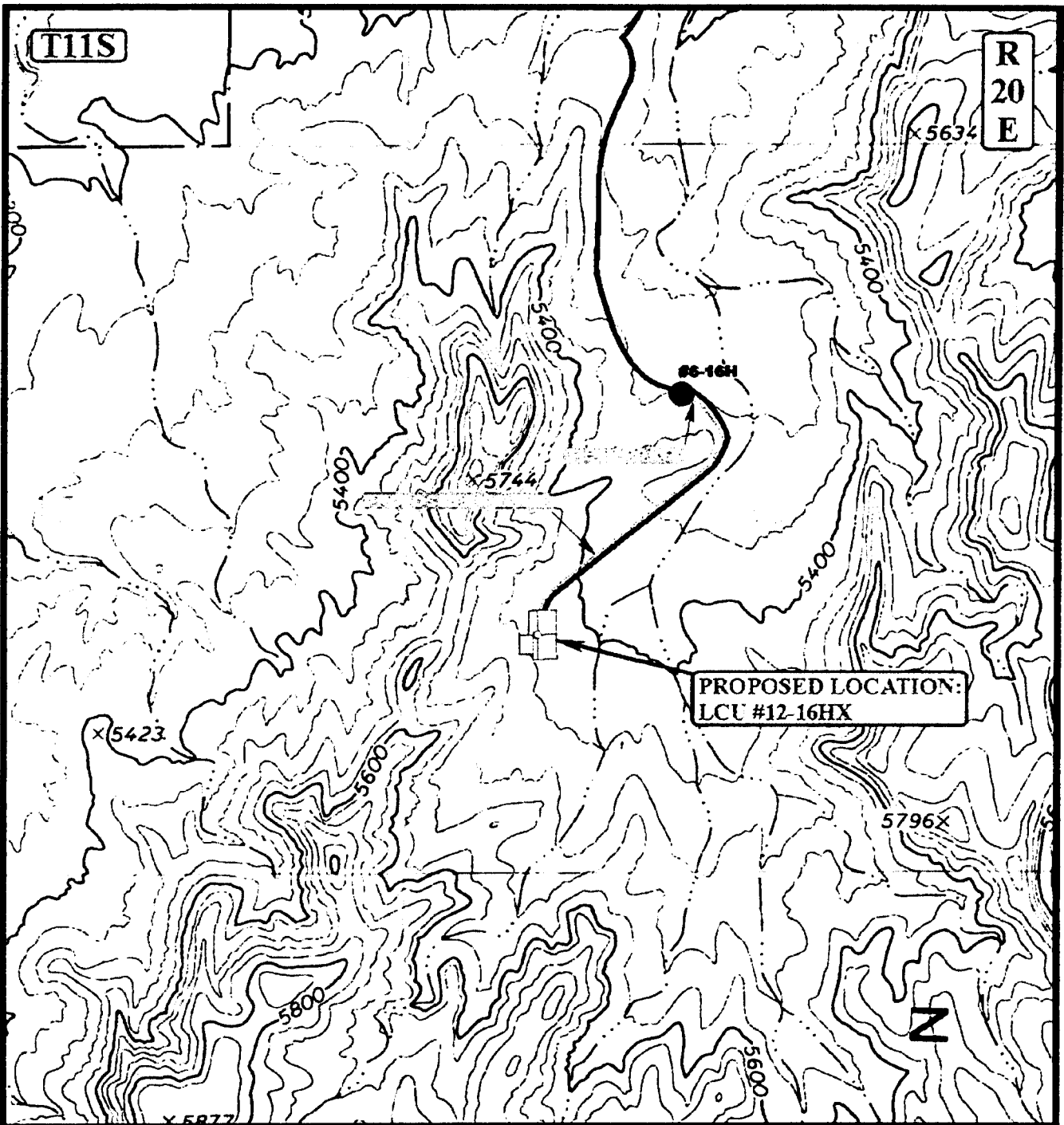


## **XTO ENERGY, INC.**

**LCU #12-16HX**  
**SECTION 16, T11S, R20E, S.L.B.&M.**  
**1762' FSL 940' FWL**

**TOPOGRAPHIC** 05 02 05  
**MAP** MONTH DAY YEAR  
**SCALE: 1" = 2000'** **DRAWN BY: C.P.** **REV: 05-02-08 C.C.**





APPROXIMATE TOTAL PIPELINE DISTANCE - 2.122

# LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- ..... PROPOSED PIPELINE



Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 • FAX (435) 789-1813



## XTO ENERGY, INC.

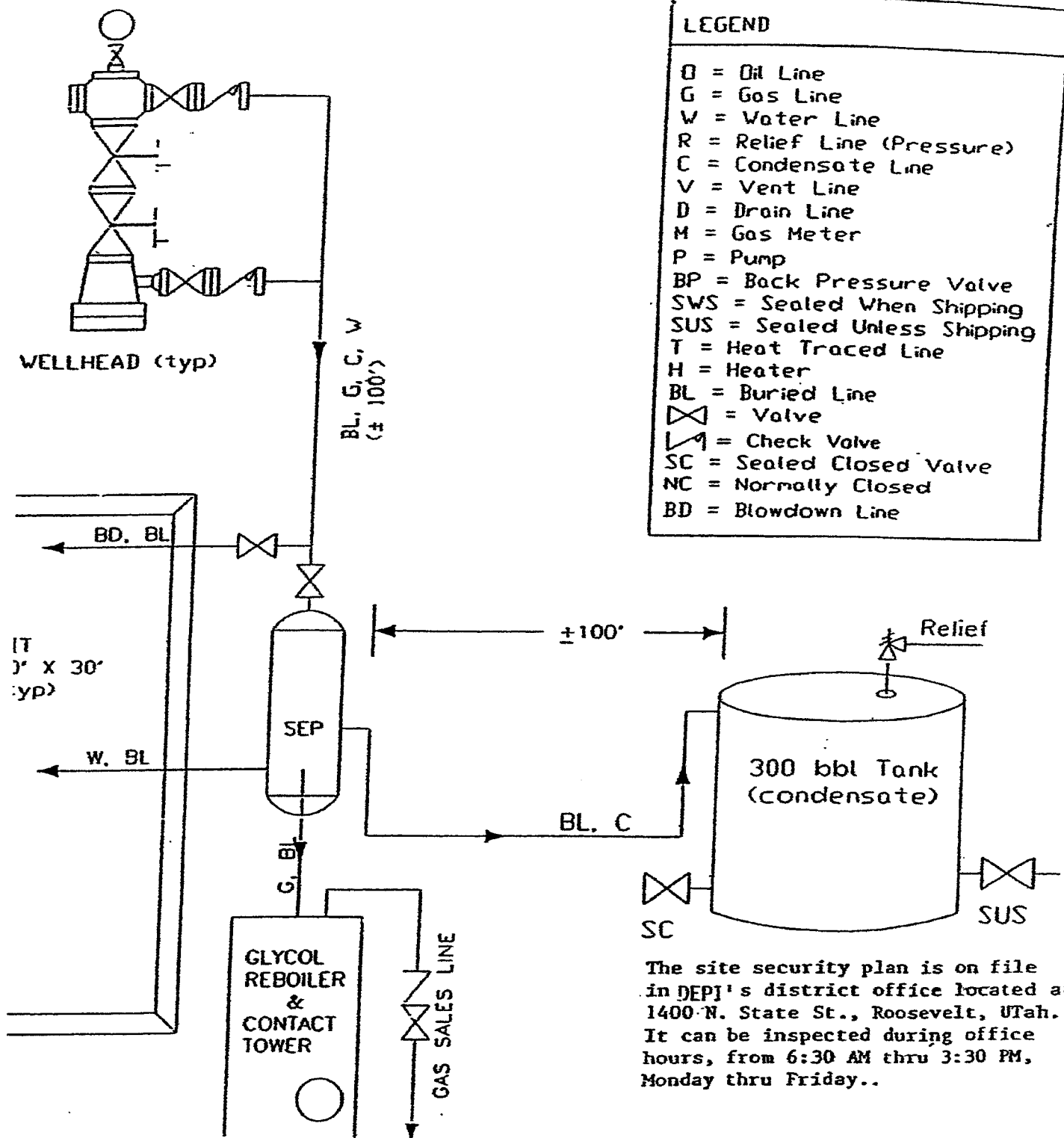
LCU #12-16HX  
 SECTION 16, T11S, R20E, S.L.B.&M.  
 1762' FSL 940' FWL

TOPOGRAPHIC 05 02 05  
 MAY MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: CP. REV: 05-02-03 C.C.



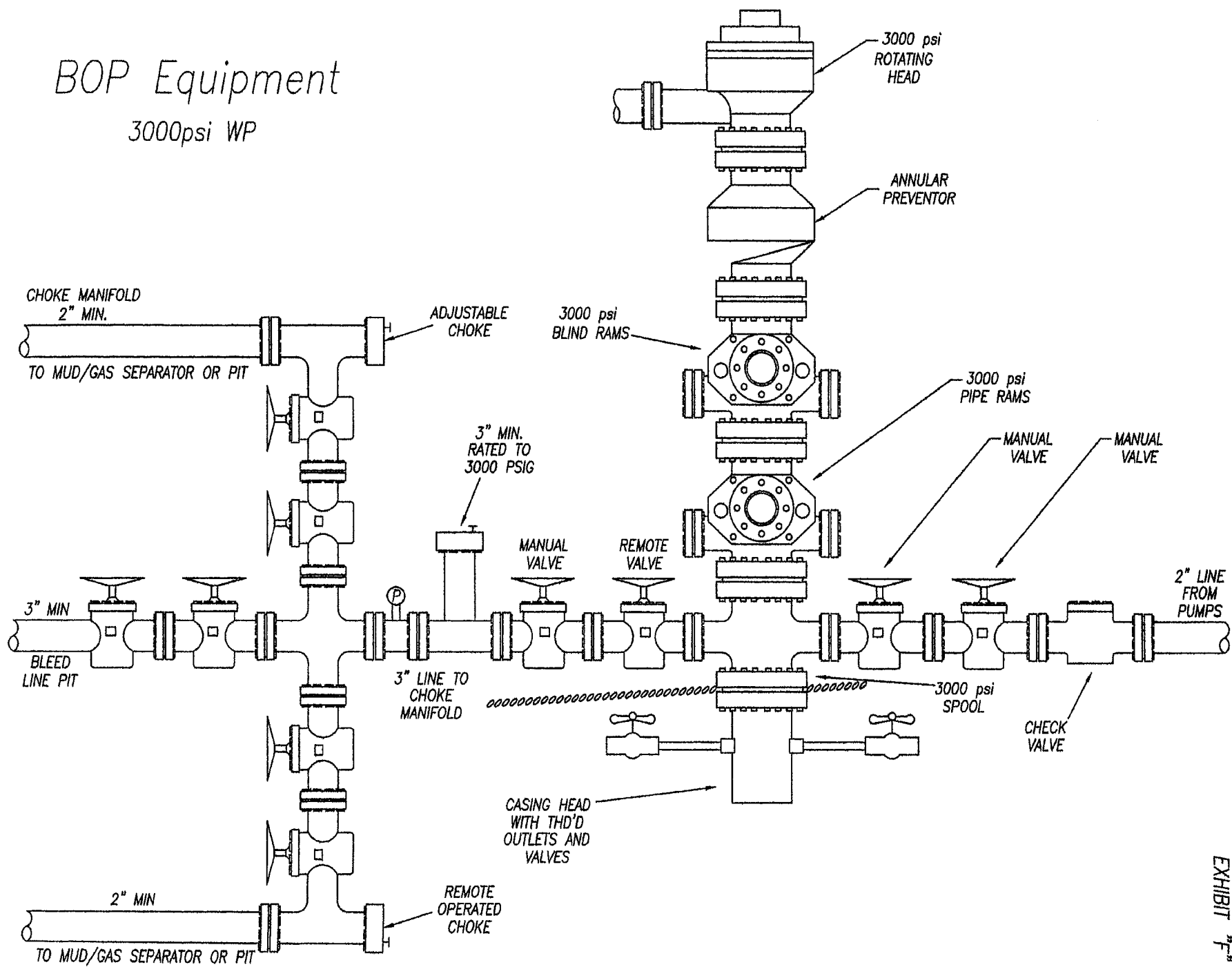
# LEGEND

O = Oil Line  
 G = Gas Line  
 W = Water Line  
 R = Relief Line (Pressure)  
 C = Condensate Line  
 V = Vent Line  
 D = Drain Line  
 M = Gas Meter  
 P = Pump  
 BP = Back Pressure Valve  
 SWS = Sealed When Shipping  
 SUS = Sealed Unless Shipping  
 T = Heat Traced Line  
 H = Heater  
 BL = Buried Line  
 X = Valve  
 / = Check Valve  
 SC = Sealed Closed Valve  
 NC = Normally Closed  
 BD = Blowdown Line



# BOP Equipment

3000psi WP



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED:     /     /

**RIG SKID**

API NO. ASSIGNED: 43-047-40078

WELL NAME: LCU 12-16H(RIGSKID)

OPERATOR: XTO ENERGY INC ( N2615 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-722-4521

PROPOSED LOCATION:

NWSW 16 110S 200E

SURFACE: 1762 FSL 0940 FWL

BOTTOM: 1762 FSL 0940 FWL

COUNTY: UINTAH

LATITUDE: 39.85799 LONGITUDE: -109.6893

UTM SURF EASTINGS: 612118 NORTHINGS: 4412608

FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY:     /     /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48772

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

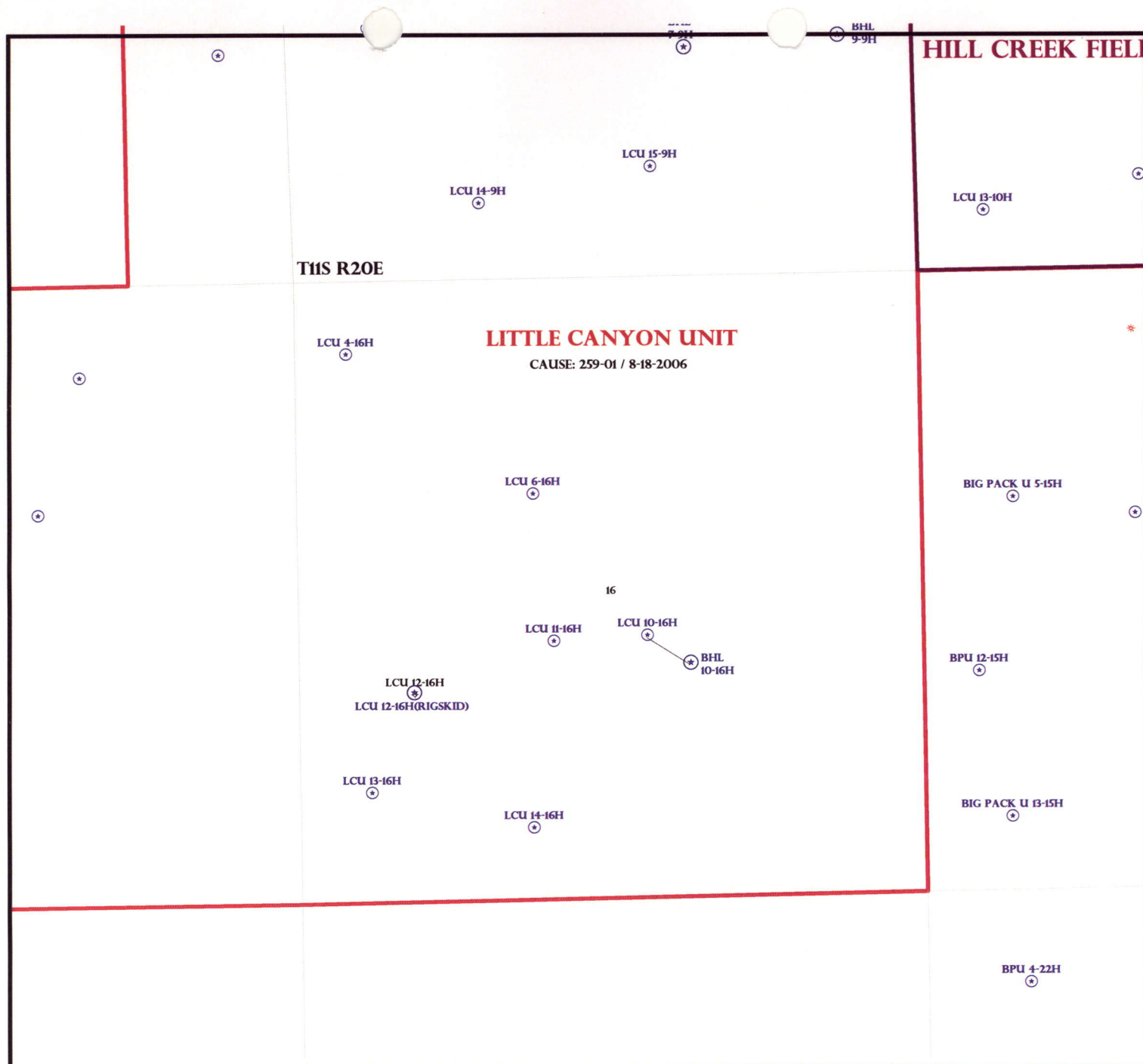
☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[]  
          (No. 104312762 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
          (No. 43-10447 )  
☒ RDCC Review (Y/N)  
          (Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_\_\_ R649-2-3.  
Unit: LITTLE CANYON  
\_\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 259-01  
Eff Date: 8-18-2006  
Siting: Suspends General Siting  
\_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1 - STATEMENT OF BASIS



OPERATOR: XTO ENERGY INC (N2615)

SEC: 16 T.11S R. 20E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

CAUSE: 259-01 / 8-18-2006

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON  
DATE: 14-MAY-2008

# Application for Permit to Drill

## Statement of Basis

5/15/2008

Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Ownr</b>	<b>CBM</b>
765	43-047-40078-00-00		GW	F	No
<b>Operator</b>	<b>Surface Owner-APD</b>				
XTO ENERGY INC					
<b>Well Name</b>	<b>Unit</b>	<b>LITTLE CANYON</b>			
LCU 12-16H(RIGSKID)					
<b>Field</b>	<b>Type of Work</b>				
UNDESIGNATED					
<b>Location</b>	NWSW 16 11S 20E S 1762 FSL 940 FWL GPS Coord (UTM) 612118E 4412608N				

### Geologic Statement of Basis

XTO proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 3,900 feet. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the proposed location. This well is over a mile from the proposed location. The well depth is not listed. The well is owned by the BLM. Use is listed as stock/wildlife watering. The surface formation at this location is the Uinta Formation-Green River Formation transition. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The Green River Formation is made up of interbedded sandstones, shales, and limestones. The Green River Formation can contain significant aquifers. The proposed casing and cementing programs should adequately protect any near surface aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Brad Hill  
APD Evaluator

5/15/2008  
Date / Time

### Surface Statement of Basis

Surface rights at the proposed location are administered by the BLM. The operator is responsible for obtaining any needed permits and rights-of-way from the BLM.

Brad Hill  
Onsite Evaluator

5/15/2008  
Date / Time

### Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
	None



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

May 15, 2008

XTO Energy, Inc.  
P O Box 1360  
Roosevelt, UT 84066

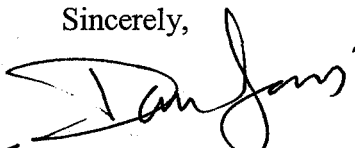
Re: LCU 12-16HX Well, 1762' FSL, 940' FWL, NW SW, Sec. 16, T. 11 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40078.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management Vernal Office  
SITLA





Operator: XTO Energy, Inc.  
Well Name & Number LCU 12-16HX  
API Number: 43-047-40078  
Lease: ML-48772

Location: NW SW Sec. 16 T. 11 South R. 20 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48772
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1762' FSL & 940' FWL		8. WELL NAME and NUMBER: LCU 12-16HX
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 11S 20E S		9. API NUMBER: 43-047-40078
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/25/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SPUD & SET COND
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	CSG

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Per Dustin Doucet's email dated 04/23/2008 with Johns Egleston, we have left off the API number until one is assigned by the DOGM.

XTO Energy Inc. spudded 20" conductor hole @ 18:00 hrs, 04/25/2008 & drilled to 40'. Set 14" cond pipe @ 40' & cemented to surf w/5 yds Redimix cement @ 03:00 hrs, 04/26/2008.

Drilling ahead...

NAME (PLEASE PRINT) DOLENA JOHNSON TITLE OFFICE CLERK  
SIGNATURE *Dolena Johnson* DATE 5/5/2008

(This space for State use only)

RECEIVED  
MAY 08 2008  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304740078	LCU 12-16HX (Rigskid)	NWSW	16	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	16815	4/25/2008	5/29/08		
Comments: <u>MURD</u>						

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DOLENA JOHNSON

Name (Please Print)

Dolena Johnson

Signature

OFFICE CLERK

Title

5/5/2008

Date

**RECEIVED**

**MAY 07 2008**

(5/2000)

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office  
170 South 500 East  
Vernal, UT 84078  
(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal/html>



IN REPLY REFER TO:

3160

UT08300

May 21, 2008

Ken Secrest  
XTO Energy, Inc.  
PO Box 1360  
Roosevelt, UT 84066

*43-047-40078*

Re: Well No. LCU 12-16HX  
NWSW, Sec. 16, T11S, R20E  
Uintah County, Utah  
Lease No. ML-48772 State  
Little Canyon Unit  
Rig Skid

Dear Ken:

The Application for Permit to Drill (APD) the above referenced well submitted April 30, 2008 is being returned unapproved/accepted per a phone request that I had with Don Hamilton today, May 21, 2008. Two sets of APDs were received in our office for this rig skid. A second set with updated footages was received on May 8, 2008, and was the correct APD that was Accepted for Unit Purposes Only on May 15, 2008.

If you have any questions regarding APD processing, please contact me at (435) 781-4455.

Sincerely,

*Cindy Severson*

Cindy Severson  
Land Law Examiner

cc: UDOGM  
Don Hamilton

RECEIVED

JUN 02 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**XTO Energy Inc.**

3a. Address

**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)

**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1762' FSL & 940' FWL NWSW SEC 16-T11S-R20E**

5. Lease Serial No.

**ML-48772**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**LITTLE CANYON UNIT**

8. Well Name and No.

**LCU 12-16HX**

9. API Well No.

**43-047-40078**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH**

**UT**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>MAY 2008</b> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>MONTHLY REPORT</b>                                     |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**Attached is XTO Energy's monthly report for the period of 05/01/2008 thru 05/31/2008.**

**RECEIVED**

**JUN 06 2008**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**JENNIFER M. HEMBRY**

Title **FILE CLERK**

Signature

*Jennifer M. Hembry*

Date **06/03/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**DOGM COPY**

**UINTAH****LCU 12-16HX**LOCATION : SECTION 16  
CONTRACTOR: Frontier Drilling, 2

DATE: 5/7/2008

OPERATION: DRLG SURFACE

DFS: 3.71

Footage Made: 0

Measured Depth: 2,220

MW:

VISC:

WOB:

RPM:

DWC: 18,550.00

CWC: 35,856.51

DMC:

CMC:

TIME DIST: (7.00) DRLG TO 530.

DATE: 5/18/2008

OPERATION: P/U BHA

DFS: 14.29

Footage Made: 0

Measured Depth: 2,234

MW:

VISC:

WOB:

RPM:

DWC: 46,344.00

CWC: 82,200.51

DMC:

CMC:

TIME DIST: (15.00) MOVE ON LOCATION, RIG UP. (6.00) TEST BOPS. (3.00) P/U DRILLSTRING.

DATE: 5/19/2008

OPERATION: DRLG

DFS: 15.29

Footage Made: 1,919

Measured Depth: 4,153

MW: 8.5

VISC: 26

WOB: 20

RPM: 55

DWC: 33,862.00

CWC: 116,062.51

DMC: 778.8

CMC: 778.8

TIME DIST: (2.50) TIH. (2.00) DRLG CMT. (1.50) DRLG TO 2377. (0.50) SURVEY @ 2294 .29 DEG. (2.50) DRLG TO 2694. (0.50) RIG SERVICE. (6.00) DRLG TO 3359. (0.50) SURVEY @ 3278 1.32 DEG. (8.00) DRLG TO 4153.

DATE: 5/20/2008

OPERATION: DRLG

DFS: 16.29

Footage Made: 1,683

Measured Depth: 5,836

MW: 9.3

VISC: 28

WOB: 20

RPM: 55

DWC: 39,835.00

CWC: 155,897.51

DMC:

CMC: 778.8

TIME DIST: (1.50) DRLG TO 4344. (0.50) SURVEY @ 4266 2.02 DEG. (7.50) DRLG TO 4915. (0.50) RIG SERVICE. (5.50) DRLG TO 5360. (0.50) SURVEY @ 5279 2.48 DEG. (8.00) DRLG TO 5836.

DATE: 5/21/2008

OPERATION: DRLG

DFS: 17.29

Footage Made: 1,205

Measured Depth: 7,041

MW: 9.4

VISC: 31

WOB: 24

RPM: 55

DWC: 36,350.00

CWC: 192,247.51

DMC:

CMC: 778.8

TIME DIST: (9.00) DRLG TO 6343. (1.00) SURVEY @ 6260 2.7 DEG, RIG SERVICE. (14.00) DRLG TO 7041.

DATE: 5/22/2008

OPERATION: DRLG

DFS: 18.29

Footage Made: 514

Measured Depth: 7,555

MW: 9.5

VISC: 31

WOB: 25

RPM: 55

DWC: 37,155.00

CWC: 229,402.51

DMC:

CMC: 778.8

TIME DIST: (8.00) DRLG TO 7357. (1.00) SURVEY 2.1 DEG, RIG SERVICE. (5.00) DRLG TO 7533. (0.50) CIRC. (3.00) TOOH. (1.50) CHG BIT AND TIH. (1.00) CUT DRLG LINE. (2.00) TIH. (2.00) DRLG TO 7555.

DATE: 5/23/2008

OPERATION: DRLG

DFS: 19.29

Footage Made: 572

Measured Depth: 8,127

MW: 9.8

VISC: 41

WOB: 25

RPM: 55

DWC: 34,495.00

CWC: 263,897.51

DMC:

CMC: 778.8

TIME DIST: (5.50) DRLG TO 7647. (3.50) TOOH F/ BIT. (4.00) TIH. (11.00) DRLG TO 8127.

DATE: 5/24/2008

OPERATION: DRLG

DFS: 20.29

Footage Made: 335

Measured Depth: 8,650

MW: 9.9

VISC: 47

WOB: 25

RPM: 55

DWC: 31,575.00

CWC: 295,472.51

DMC:

CMC: 778.8

**TIME DIST:** (9.00) DRLG TO 8315. (4.00) TOOH. (3.50) TIH. (7.50) DRLG TO 8650.

**DATE:** 5/25/2008

**OPERATION:** DRLG

**DFS:** 21.29 **Footage Made:** 76 **Measured Depth:** 9,084

**MW:** 10 **VISC:** 47

**WOB:** 25 **RPM:** 55

**DMC:** **CMC:** 778.8 **DWC:** 30,080.00 **CWC:** 325,552.51

**TIME DIST:** (10.50) DRLG TO 8989. (0.50) RIG SERVICE. (2.50) DRLG TO 9008. (3.00) TOOH F/ BIT. (1.50) FUNCTION TEST BOPE, CHG BIT. (1.00) TIH W/ HWDP, CUT DRLG LINE, ADJUST BRAKES. (2.50) TIH. (2.50) DRLG TO 9084.

**DATE:** 5/26/2008

**OPERATION:** DRLG

**DFS:** 22.29 **Footage Made:** 70 **Measured Depth:** 9,154

**MW:** 10.1 **VISC:** 47

**WOB:** 25 **RPM:** 55

**DMC:** **CMC:** 778.8 **DWC:** 29,705.00 **CWC:** 355,257.51

**TIME DIST:** (2.50) DRLG TO 9154. (1.00) CIRC. (3.50) TOOH F/ LOGS. (1.50) WAIT ON SCHLUMBERGER. (7.00) LOGGING TO 9157. (3.50) TIH. (1.50) CIRC. (3.50) LD DP AND BHA.

**DATE:** 5/27/2008

**OPERATION:** DRLG

**DFS:** 23.29 **Footage Made:** 0 **Measured Depth:** 9,154

**MW:** **VISC:**

**WOB:** **RPM:**

**DMC:** **CMC:** 778.8 **DWC:** 275,768.00 **CWC:** 631,025.51

**TIME DIST:** (2.50) LD DP AND BHA. (6.50) RUN CSG. (6.00) CEMENT. (4.00) ND BOPE AND CLEAN PITS. (5.00) RDMO.



**HALLIBURTON****Cementing Job Summary****The Road to Excellence Starts with Safety**

Sold To #: 353810	Ship To #: 2654149	Quote #:	Sales Order #: 5908500
Customer: XTO ENERGY INC EBUSINESS		Customer Rep: Miller, Jim	
Well Name: LCU		Well #: 12-16HX	API/UWI #:
Field:	City (SAP): UNKNOWN	County/Parish: Uintah	State: Utah
Contractor: Frontier Drilling		Rig/Platform Name/Num: Frontier 2	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: KRUGER, ROBERT		Srvc Supervisor: MOORE, JACK	MBU ID Emp #: 434804

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
JURGENSEN, MICHAEL	12	445566	KLEMMER, KEITH R	12	419047	MOORE, JACK Owen	12	434804
SALLIE, JOHN	12	442972	WRIGHT, JUSTIN	12	442972			

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5-26-08	12	6						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD)	Top		Bottom	Called Out	26 - May - 2008	06:00	MST
Form Type		BHST		On Location	26 - May - 2008	10:30	MST
Job depth MD	9248. ft	Job Depth TVD	9154. ft	Job Started	26 - May - 2008	16:00	MST
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	26 - May - 2008	22:00	MST
Perforation Depth (MD)	From		To	Departed Loc	26 - May - 2008	22:00	MST

**Well Data**

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
7 7/8" Open Hole				7.875				2193.	9154.		
5 1/2" Production	New		5.5	4.892	17.	8 RD (LT&C)	N-80		9103.		
8 5/8" SURFACE CASING	New		8.625	7.921	32.		J-55		2193.		

**Sales/Rental/3<sup>rd</sup> Party (HES)**

Description	Qty	Qty uom	Depth	Supplier
CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA		
CTRZR ASSY, 5 1/2 CSG X 7 7/8 HOLE, HINGED	30	EA		
SHOE, FLOAT, 5 1/2 8RD, 2 3/4 SUPER SEAL	1	EA		
CLR, FLT, 5-1/2 8RD, 14-23PPF, 2-3/4	1	EA		
KIT, HALL WELD-A	1	EA		
PLUG, CMTG, TOP, 5 1/2, HVE, 4.38 MIN/5.09 MA	1	EA		

**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

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DIV. OF OIL, GAS &amp; MINING

# HALLIBURTON

## Cementing Job Summary

Miscellaneous Materials											
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty	Conc %
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size	Qty
Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	MUD FLUSH III	MUD FLUSH III - SBM (528788)	20.00	bbl	8.4	.0	.0	5.0			
2	3% KCL Water		10.0	bbl	8.48	.0	.0	5.0			
3	Lead Cement	HIGHFILL CEMENT - SBM (17579)	169.0	sacks	11.6	3.12	17.83	5.0	17.83		
18.402 Gal		FRESH WATER									
4	Tail Cement	HALLIBURTON LIGHT PREMIUM PLUS - SBM (14241)	1117.0	sacks	13.	1.75	9.06	5.0	9.06		
3 %		POTASSIUM CHLORIDE 7% (100001585)									
1 %		ECONOLITE (100001580)									
0.6 %		HALAD(R)-322, 50 LB (100003646)									
0.2 %		HR-5, 50 LB SK (100005050)									
9.06 Gal		FRESH WATER									
5	3% KCL Displacement		208.3	bbl	8.48	.0	.0	5.0			
Calculated Values			Pressures			Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad			
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment			
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job			
Rates											
Circulating		Mixing		Displacement		Avg. Job					
Cement Left in Pipe		Amount	47.84 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID				
The Information Stated Herein Is Correct				Customer Representative Signature							

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JUN 06 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DOGM COPY

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

XTO Energy Inc.

## 3a. Address

382 CR 3100 Aztec, NM 87410

## 3b. Phone No. (include area code)

505-333-3100

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1762' FSL &amp; 940' FWL NWSW SEC 16-T11S-R20E

## 5. Lease Serial No.

ML-48772

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA/Agreement, Name and/or No.

LITTLE CANYON UNIT

## 8. Well Name and No.

LCU 12-16HX

## 9. API Well No.

43-047-40078

## 10. Field and Pool, or Exploratory Area

NATURAL BUTTES

## 11. County or Parish, State

UINTAH

UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                    |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                    |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>JUNE 2008</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>MONTHLY REPORT</u>                                      |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Attached is XTO Energy's monthly report for the period of 06/01/2008 thru 06/30/2008.

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JUL 07 2008

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JENNIFER M. HEMBRY

Title FILE CLERK

Signature

Date 07/01/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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**Farmington Well Workover Report**

<b>LITTLE CANYON UNIT</b>	<b>Well # 012-16HX</b>	<b>MV/WSTC</b>
---------------------------	------------------------	----------------

**Objective:** Drill & Complete

**First  
Report:** 05/26/2008

**AFE:** 803158

**6/11/08** Contd rpt for AFE # 803158 to D&C. Chart PT csg & frac vlv to 5,000 psi. MIRU WL. Run GR/CCL/CBL fr/9022' FS - surf. Log indic TOC @ surf. RDMO WLU & SWI. Rpts suspd until further acitivity.

---

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

**ML-48772**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**LITTLE CANYON UNIT**

8. Well Name and No.

**LCU 12-16HX**

9. API Well No.

**4304740078**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH****UT****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**XTO Energy Inc.**

3a. Address

**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)

**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1762' FSL & 940' FWL NWSW SEC 16-T11S-R20E**

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>JULY '08</b> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>MONTHLY REPORT</b>                                     |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

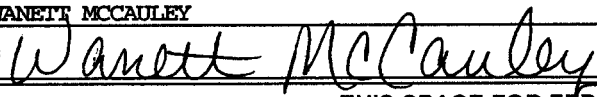
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Attached is XTO Energy's monthly report for the period of 07/01/2008 thru 07/31/2008.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**WANETT MCCAULEY**Title **FILE CLERK**

Signature

Date **08/04/2008****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**RECEIVED**

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**DOGM COPY****AUG 11 2008**

DIV. OF OIL, GAS &amp; MINING

# EXECUTIVE SUMMARY REPORT

7/1/2008 - 7/31/2008

Report run on 8/4/2008 at 11:20 AM

---

Little Canyon Unit 12-16HX - Natural Buttes, 16, 11S, 20E, Uintah, Utah, Tim Friesenhahn, Roosevelt,

AFE: 803158

Objective: Drill & Complete a gas well

Rig Information: Pro Petro, 6, DP1

7/22/2008

MIRU Perf O Log. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf stage 1 MV intv fr/8780-82', 8857-59', 8874-76', 8906-08', 8918-20', 8938-40', & 8978-82'. w/2 SPF (120 deg phasing, 0.36' EHD, 35.63" pene., 39 holes). POH & LD perf guns. SWI & RDMO WLU.

WAIT ON FRAC DATE

PERF STAGE 1

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48772</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		7. UNIT or CA AGREEMENT NAME: <b>LITTLE CANYON UNIT</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1762' FSL &amp; 940' FWL</b>		8. WELL NAME and NUMBER: <b>LCU 12-16HX</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSW 16 11S 20E S</b>		9. API NUMBER: <b>4304740078</b>
COUNTY: <b>UINTAH</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
STATE: <b>UTAH</b>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>8/31/2008</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>AUGUST 08</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>MONTHLY REPORT</b>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report on this well for the period of 8/01/2008 thru 8/31/2008.

NAME (PLEASE PRINT) <b>JENNIFER M. HEMBRY</b>	TITLE <b>FILE CLERK</b>
SIGNATURE <i>Jennifer M. Hembry</i>	DATE <b>9/3/2008</b>

(This space for State use only)

RECEIVED  
SEP 08 2008  
DIV. OF OIL, GAS & MINING

## EXECUTIVE SUMMARY REPORT

8/1/2008 - 8/31/2008  
Report run on 9/3/2008 at 9:07 AM

**Little Canyon Unit 12-16HX** - Natural Buttes, 16, 11S, 20E, Uintah, Utah, Tim Friesenhahn, Roosevelt,

**AFE: 803158**

Objective: Drill & Complete a gas well

Rig Information: Pro Petro, 6, DP1

8/1/2008

MIRU FRAC TECH. HOLD SAFTEY MEETINGS W/ ALL PARTYS. BD MV stg #1 perfs w/2% KCL wtr & EIR. MV perfs fr/8780-8982' w/1250 gals of 7-1/2% NEFE HCLac & 59 Bio-BS @ 10 bpm dwn 5-1/2" csg. BD perfs @ 4210 psig. Ppd 259 bls ttl. No BA. Surge balls off perfs & SD 20". FRAC TECH HAD TECHNICAL DIFFICULTIES ( DENSIMETER ). SWIFN WAIT ON REPAIRS.  
FRAC TECH brk dwn

8/4/2008

===== Little Canyon Unit 12-16HX =====  
Fracd MV stg #1 perfs fr/8780-8982', dwn 5-1/2" csg w/30,534 gals wtr, 55Q N2 foam gelled fld (Turquoise 20# Foam Frac), 2% KCL wtr carrying 60,638 #SB Excel 30/50 sd. Max sd conc 3 ppg. ISIP 3150 psig, 5" SIP 2930 psig. 0.80FG. Used 955 mscf of N2, 727 BLW (stg 1). RIH & set 6K CBP @ 8600'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.75 gm chrgs. Perf stage 2 MV intv fr/8382-83', 8413-14', 8432-35', 8488-90', & 8526-32' w/2 SPF (120 deg phasing, 0.36" EHD, 35.63" pene., 31 holes). BD MV stg #2 perfs w/2% KCL wtr & EIR. perfs fr/8382-8532' w/1250 gals of 7-1/2% NEFE HCac & 47 Bio-BS @ 10 bpm dwn 5-1/2" csg. BD perfs @ 3629 psig. Pmpd 236 bls ttl. BO @ 5500 Surge balls off perfs & SD 20". Fracd MV stg #2 Perfs fr/8382-8532', dwn 5-1/2" csg w/30,618 gals wtr, 55Q N2 foam gelled fld (Turquoise 20# Foam Frac), 2% KCL wtr carrying 30,025 # SB Excel 30/50 sd. Max sd conc 3 ppg, ISIP 3415 psig, 5" SIP 3235 psig. 0.85 FG. Used 632 mscf of N2 & 729 BLW (stg 2). RIH & set 8K CBP @ 8330'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-361T, 22.75 gm chrgs. Perf stage 3 MV intv fr/8181-83', 8198-8200', 8232-34', 8250-54', 8292-95', 8307-09', & 8314-18' w/2 SPF (120 deg phasing, 0.36" EHD, 35.63" pene., 45 holes). BD MV stg #3 perfs w/2% KCL wtr & EIR. MV perfs fr/7962'-8085 w/1250 gals of 7-1/2% NEFE HCL ac & 68 Bio-BS @ 10 bpm dwn 5-1/2" csg. BD perfs @ 3658 psig. Pmpd 237 bls ttl. BO @ 3250 psig. surge balls off perfs & SD 20". Fracd MV stg #3 perfs fr/8181-8318', dwn 5-1/2" csg w/51,996 gals wtr, 60Q N2 foam gelled fld (Turquoise 20# Foam Frac), 2% KCL wtr carrying 142,213 # SB Excel 30/50 sd. Max sd conc 3 ppg, ISIP 3150 psig, 5" SIP 2953 psig. 0.82FG. Used 1725 mscf of N2, & 1239 BLW ( STG 3 ).  
STAGE WORK



# EXECUTIVE SUMMARY REPORT

8/1/2008 - 8/31/2008  
Report run on 9/3/2008 at 9:07 AM

=====  
Canyon Unit 12-16HX  
=====8/5/2008

RIH & set 6K CBP @ 7500' PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.75 gm chrsgs. Perf stage 4 MV intv fr/7410-14', 7434-36', 7444-48', & 7476-80', w/2 SPF (120 deg phasing, 0.36" EHD, 35.63" pene., 32 holes). BD MV stg #4 perfs w/2% KCL wtr & EIR. perfs fr/7410-7480' w/1250 gals of 7-1/2% NEFE HCac & 48 Bio-BS @ 10 bpm dwn 5-1/2" csg. BD perfs @ 2800 psig. Pmpd 201 bls ttl. BO @ 3500 Surge balls off perfs & SD 20". Fracd MV stg #4 Perfs fr/7410-7480', dwn 5-1/2" csg w/35,112 gals wtr, 60Q N2 foam gelled fld (Turquoise 20# Foam Frac), 2% KCl wtr carrying 70,500 #30/50 white & 15,222 # SB Excel 30/50 sd. Max sd conc 4 ppg, ISIP 3019 psig, 5" SIP 2888 psig. 0.85FG. Used 972 mscf of N2 & 836 BLW (stg 4). RIH & set 8K CBP @ 6520'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-361T, 22.75 gm chrsgs. Perf stage 5 UB intv fr/6226-31' & 6480-86' w/2 SPF (120 deg phasing, 0.36" EHD, 35.63" pene., 24 holes). UB stg #5 perfs w/2% KCL wtr & EIR. Spear head UB perfs fr/6226-6486' w/1250 gals of 7-1/2% NEFE HCL ac. dwn 5-1/2" csg. BD perfs @ 2952 psig. Fracd UB stg #5 perfs fr/6226-6486', dwn 5-1/2" csg w/ 18,144 gals wtr, 65Q N2 foam gelled fld (Turquoise 20# Foam Frac), 2% KCl wtr carrying 34,500#'s 30/50 white & 14,965 # SB Excel 30/50 sd. Max sd conc 4 ppg, ISIP 3382 psig, 5" SIP 3150 psig. 0.96FG. Used 494 mscf of N2, & 18,144 BLW ( STG 5). RIH & set 8K CBP @ 5550'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-361T, 22.75 gm chrsgs. Perf stage 6 CW intv fr/5515-5524' w/2 SPF (120 deg phasing, 0.36" EHD, 35.63" pene., 19 holes). CWstg #6 perfs w/2% KCL wtr & EIR. Spear head CW perfs fr/5515-5524' w/1250 gals of 7-1/2% NEFE HCL ac. dwn 5-1/2" csg. BD perfs @ 2188 psig. Fracd CW stg #6 perfs fr/5515-5524', dwn 5-1/2" csg w/ 12,390 gals wtr, 65Q N2 foam gelled fld (Turquoise 20# Foam Frac), 2% KCl wtr carrying 20,863 #'s 30/50 white & 5,141 # SB Excel 30/50 sd. Max sd conc 4 ppg  
SET TKP @ 5470'

=====  
8/25/2008 Little Canyon Unit 12-16HX  
SICP 1000 psig. MIRU. Bd well. ND frac vlv. NU BOP. PU & TIH w/4.75" bit, BRS, 2-3/8" SN & 166 jts new 2-3/8", 4.7#, J-55, EUE, 8rd tbg fr/XTO stk. SWI & SDFN.  
PREP TO DRILL CFP.

=====  
8/26/2008 Little Canyon Unit 12-16HX  
SITP 0 psig, SICP 0 psig. TIH w/1 jts new 2-3/8", 4.7#, J-55, EUE, 8rd tbg fr/XTO stk. RU swivel & estb circ. DO kill plg @ 5470'. Cont TIH w/tbg, tgd 30 sd fill @ 5520'. CO to & DO #1 CBP @ 5550'. Cont TIH w/tbg, tgd 20' sd fill @ 6500'. CO to & DO #2 CBP @ 6520'. Cont TIH w/tbg, tgd 10' sd fill @ 7490'. CO to & DO #3 plg @ 7500'. Cont TIH w/tbg, tgd 30' sd fill @ 8300'. CO fill & DO #4 CBP @ 8330'. Cont TIH w/tbg, tgd 15' sd fill @ 8585'. CO fill & DO #5 CBP @ 8600'. Cont TIH w/tbg, tgd 61' sd fill @ 8990'. CO fill to PBTD ( 9051'). Circ well cln & RD pwr swivel. TOH w/8 jts 2-3/8" tbg. Ld prod tbg in hgr as follows: 267 jts 2-3/8", 4.7#, J-55, EUE, tbg, 2-3/8" SN & BRS w/WL entry guide. ND BOP. NU prod tree. RU swb tls & RIH w/1.91" tbg broach to SN @ 8808', EOT @ 8909'. WA/MV perfs fr/5515' - 8982', PBTD @ 9051'. POH w/broach. No ti spots. Ld broach. RU pmp. Dropd ball & ppd off bit sub @ 2300 psig. KWO flwg @ 16:00. Flw well to test tnk on 64/64 ck 2 hrs. FTP 350 psig, SICP 1375 psig. Recd 140 BLW 2 hrs. Turned well over to flw testers & RDMO Key Energy #6013.

4212 BLWTR

# EXECUTIVE SUMMARY REPORT

8/1/2008 - 8/31/2008  
Report run on 9/3/2008 at 9:07 AM

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RDMOSU.

8/27/2008 ===== Little Canyon Unit 12-16HX =====  
SICP 1100 psig. FTP 400 psig. ON 64-48/ 64 CK. F 788 BLW & 0 BO 24 hrs.  
3424 BLWTR  
FLOW TEST

8/28/2008 ===== Little Canyon Unit 12-16HX =====  
FTP 1400 psig, SICP 1625 psig. F. 0 BO, 208 BLW, 24 hrs, 48-18/64" ck. Rets  
of gas, wtr, lt sd. 3424 BLWTR  
FLOW TEST

8/29/2008 ===== Little Canyon Unit 12-16HX =====  
SICP 1650 psig. FTP 1400 psig. ON 18/ 64 CK. F 89 BLW & 0 BO 24 hrs. 3127  
BLWTR  
GAS TEST

8/30/2008 ===== Little Canyon Unit 12-16HX =====  
FTP 1300 psig, SICP 1600 psig. On 18/64" ck. F. 0 BO, 73 BLW, 14 hrs.  
Rets of gas, wtr & tr sd. 3054 BLWTR. SWI @ 8:00 AM ON 8-30-08. WO surf  
equip installation.  
SWI / WO SRFC EQUIP.  
===== Little Canyon Unit 12-16HX =====

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

DOGM COPY

SUBMIT IN TRIPLICATE - Other instructions on page 2

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

XTO Energy Inc.

## 3a. Address

382 CR 3100 Aztec, NM 87410

## 3b. Phone No. (include area code)

505-333-3100

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1762' FSL &amp; 940' FWL NWSW SEC 16-T11S-R20E

## 5. Lease Serial No.

ML-48772

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA/Agreement, Name and/or No.

LITTLE CANYON UNIT

## 8. Well Name and No.

LCU 12-16HX

## 9. API Well No.

4304740078

## 10. Field and Pool, or Exploratory Area

NATURAL BUTTES

## 11. County or Parish, State

UINTAH

UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                       |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                       |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>1st DELIVERY</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. first delivered this well to Questar through the Waynes Check CDP on 09/08/2008 @ 10:30 a.m. IFR of 925 MCFPD.

XTO Allocation Meter # RS1474RF  
Waynes Check CDP # 288111

RECEIVED

SEP 10 2008

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JENNIFER M. HEMBRY

Title FILE CLERK

Signature

Date 09/08/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGM COPY

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48772
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1762' FSL & 940' FWL		8. WELL NAME and NUMBER: LCU 12-16HX
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 11S 20E S		9. API NUMBER: 4304740078
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SEPTEMBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report on this well for the period of 9/01/2008 thru 9/30/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY	TITLE FILE CLERK
SIGNATURE <i>Jennifer M. Hembry</i>	DATE 10/3/2008

(This space for State use only)

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OCT 06 2008  
DIV. OF OIL, GAS & MINING

# EXECUTIVE SUMMARY REPORT

9/1/2008 - 9/30/2008  
Report run on 10/2/2008 at 10:31 AM

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**Little Canyon Unit 12-16HX** - Natural Buttes, 16, 11S, 20E, Uintah, Utah, Tim Friesenhahn, Roosevelt, Flowing

Objective: FIRST DELIVERY

9/8/2008

The Little Canyon Unit 12-16HX was first delivered to Questar through Waynes CK CDP.@ 10 :30 a.m. 9/8/08. IFR925 MCFPD.

----- Little Canyon Unit 12-16HX -----

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48772
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: LCU 12-16HX
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1762' FSL & 940' FWL		9. API NUMBER: 4304740078
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 11S 20E S		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: OCTOBER 08
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 10/01/2008 thru 10/31/2008.

RECEIVED  
NOV 10 2008  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) JENNIFER M. HEMBRY TITLE FILE CLERK  
SIGNATURE *Jennifer M. Hembry* DATE 11/5/2008

(This space for State use only)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1762' FSL & 940' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 16 11S 20E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-48772

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
LITTLE CANYON UNIT

8. WELL NAME and NUMBER:  
LCU 12-16HX

9. API NUMBER:  
4304740078

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DECEMBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 11/01/2008 thru 11/30/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY

TITLE REGULATORY CLERK

SIGNATURE

*Jennifer M. Hembry*

DATE 12/5/2008

(This space for State use only)

RECEIVED  
DEC 09 2008

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  <b>b. TYPE OF WORK:</b> NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48772					
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC.						<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A					
<b>3. ADDRESS OF OPERATOR:</b> 382 CR 3100 CITY AZTEC STATE NM ZIP 87410				<b>PHONE NUMBER:</b> (505) 333-3100		<b>7. UNIT or CA AGREEMENT NAME</b> LITTLE CANYON UNIT					
<b>4. LOCATION OF WELL (FOOTAGES)</b> AT SURFACE: 1,762' FSL & 940' FWL  AT TOP PRODUCING INTERVAL REPORTED BELOW:  AT TOTAL DEPTH: SAME						<b>8. WELL NAME and NUMBER:</b> LCU 12-16HX					
<b>14. DATE SPUDDED:</b> 4/25/2008						<b>15. DATE T.D. REACHED:</b> 5/25/2008		<b>16. DATE COMPLETED:</b> 9/8/2008		<b>17. ELEVATIONS (OF, RKB, RT, GL):</b> 5,423' GL	
<b>18. TOTAL DEPTH:</b> MD 9,157 TVD			<b>19. PLUG BACK T.D.:</b> MD 9,051 TVD			<b>20. IF MULTIPLE COMPLETIONS, HOW MANY? *</b>			<b>21. DEPTH BRIDGE MD PLUG SET:</b> TVD		
<b>22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)</b> GR/CCL/CBL						<b>23.</b> WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)					
<b>24. CASING AND LINER RECORD (Report all strings set in well)</b>											
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED		
20"	14" J-55	36.75#	0	58		Redm 125		SURF			
13-1/2"	9.63" J-55	36#	0	2,210		G 510		SURF			
7-7/8"	5.5" N-80	17#	0	9,099		G 1,288		SURF			
<b>25. TUBING RECORD</b>											
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	8,809										
<b>26. PRODUCING INTERVALS</b>						<b>27. PERFORATION RECORD</b>					
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS			
(A) CW-MVD	5,515	8,982			5,515 8,982	0.36"	190	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>		
(B) WSMVD								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>		
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>		
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>		
<b>28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.</b>											
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL									
5,515' - 8,982'		A. w/7,500 gals of 7-1/2% NEFE HCL acid. Frac'd w/178,794 gals wtr, 55Q-65Q N2 foam gelled fld (Turquoise 20# Foam Frac), 2% KCl wtr carrying 268,204# SB Excel 30/50 sd & 125,863# 30/50 white sd.									
<b>29. ENCLOSED ATTACHMENTS:</b> <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____									<b>30. WELL STATUS:</b>  Producing		

**RECEIVED**  
**JAN 26 2009**  
DIV. OF OIL, GAS & MINING



## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

ST. INITIAL PRODUCTION										
DATE FIRST PRODUCED: 9/8/2008		TEST DATE: 8/29/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,642	WATER - BBL: 89	PROD. METHOD: FLOWING
CHOKE SIZE: 18/64"	TBG. PRESS. 1,400	CSG. PRESS. 1,650	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 2,642	WATER - BBL: 89	INTERVAL STATUS: PROD.

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GREEN RIVER	476
				MAHOGENY BENCH	1,269
				WASATCH TONGUE	3,202
				UTELAND LIMESTONE	3,527
				WASATCH	3,669
				CHAPITA WELLS	4,503
				UTELAND BUTTE	5,586
				MESAVERDE	6,402
				CASTLEGATE	9,079

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BARBARA A. NICOL

TITLE REGULATORY CLERK

SIGNATURE

*Barbara A. Nicol*

DATE 1/19/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48772
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> LCU 12-16HX(RIGSKID)
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1762 FSL 0940 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 16 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047400780000
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/1/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input checked="" type="checkbox"/> <b>ACIDIZE</b>  <input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>  <input type="checkbox"/> <b>CHANGE WELL STATUS</b>  <input type="checkbox"/> <b>DEEPEN</b>  <input type="checkbox"/> <b>OPERATOR CHANGE</b>  <input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>  <input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>  <input type="checkbox"/> <b>TUBING REPAIR</b>  <input type="checkbox"/> <b>WATER SHUTOFF</b>  <input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b> </div> <div style="width: 33%;"> <input type="checkbox"/> <b>ALTER CASING</b>  <input type="checkbox"/> <b>CHANGE TUBING</b>  <input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>  <input type="checkbox"/> <b>FRACTURE TREAT</b>  <input type="checkbox"/> <b>PLUG AND ABANDON</b>  <input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>  <input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>  <input type="checkbox"/> <b>VENT OR FLARE</b>  <input type="checkbox"/> <b>SI TA STATUS EXTENSION</b> </div> <div style="width: 33%;"> <input type="checkbox"/> <b>CASING REPAIR</b>  <input type="checkbox"/> <b>CHANGE WELL NAME</b>  <input type="checkbox"/> <b>CONVERT WELL TYPE</b>  <input type="checkbox"/> <b>NEW CONSTRUCTION</b>  <input type="checkbox"/> <b>PLUG BACK</b>  <input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>  <input type="checkbox"/> <b>TEMPORARY ABANDON</b>  <input type="checkbox"/> <b>WATER DISPOSAL</b>  <input type="checkbox"/> <b>APD EXTENSION</b> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <input checked="" type="checkbox"/> <b>OTHER</b> <div>OTHER: PWOP</div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. intends to acidize & put this well on a pump per the attached procedure.		
<div style="color: red; font-weight: bold;">             Approved by the              Utah Division of              Oil, Gas and Mining           </div> <div style="margin-top: 10px;"> <b>Date:</b> January 11, 2010  <b>By:</b> </div>		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 505 333-3642
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Compliance Tech
		<b>DATE</b> 1/11/2010

**LCU 12-16HX**  
**Sec 16, T 11S, R 20 E**  
**Uintah County, Utah**  
**API- 43-047-40078**  
**XTO # 166213**

**AFE # 907580**

**Acidize and put well on pump**

**Surf csg:** 9-5/8", 36#, J-55, ST&C csg @ 2210' Cmt to surface  
**Prod csg:** 5-1/2", 17#, N-80, LT&C csg @ 9099'  
**Tbg:** 2-3/8" J-55 EUE tubing w/ SN and top of BRS @ 8809'  
**Perfs:** **WA:** 5515'-24', 6226'-31', 6480'-86'  
**MV:** 7410'-14', 7434'-36', 7444'-48', 7476'-80', 8181'-83', 8198'-8200', 8232'-34', 8250'-54', 8292'-95', 8307'-09', 8314'-18', 8382'-83', 8413'-14', 8432'-35', 8488'-90', 8526'-32', 8780'-82', 8857'-59', 8874'-76', 8906'-08', 8918'-20', 8938'-40', 8978'-82'

**PWOP Procedure**

- 1) MI and set a Lufkin RM 320-256-120 pumping unit (min ECB 16,900 #) with a C-96 engine. Install 10" sheave on engine to run 530 RPM at 4 SPM. Set CB weights as follows:

Description	Weight	Position
Left Lag	3CRO + 1-3BS	10" from end of crank
Left Lead	3CRO + 2-3BS	10" from end of crank
Right Lag	3CRO + 2-3BS	10" from end of crank
Right Lead	3CRO + 1-3BS	10" from end of crank

- 2) MIRU PU. Blow down casing and kill well w/ 2% KCl. ND WH, NU BOP. Unseat tubing hanger. Lower tubing to tag, then tally out of hole. Monitor tubing for indications of scale corrosion, or crimping. If heavy scale is found on tubing, make clean out run with 4 3/4" bit and scraper.
- 3) If minor indications of scale are found on tubing, PU 4 3/4"x 4' short wash joint and TIH. Wash down to BRS and attempt to "drill down" to  $\pm$  9050' and circulate clean. POH w/ wash joint. If "drill down" is not successful and rat hole is not adequate, consider overshot run to recover BRS, then clean out to 9050'. Circulate hole clean. POH, LD 2 3/8" J-55 tubing.

- 4) RIH with production string as follows:
- 2 3/8" x 5 1/2" TEC tubing anchor
  - 2 3/8" x 6' EUE tubing sub
  - 2 3/8" x 4' EUE perforated tubing sub
  - 2 3/8" x 1.78" S/N
  - 2 3/8" 4.7# EUE L-80 tubing to surface

Land tubing in tension with TAC at  $\pm 9030'$ . ND BOP, NU wellhead.

- 5) Swab tubing until returns are clean and able to be pumped. RIH w/ pump and rod string as follows:
- 2"x 1 1/4"x 16' x 19' RHBC, w/ 8' dip tube
  - 3/4" x 4' rod sub
  - 3/4" - 21,000 lb HF shear tool
  - 10- 1 1/4" API K Sinker Rods
  - 60 - 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
  - 291 - 3/4" Norris 96 Rods w/ "T" couplings
  - 3/4" - Norris 96 rod pony rods as necessary to space out
  - 1 1/4" x 22' Polish rod w/ 1 1/2" liner
- 6) Space out pump as required with pony rods. Load tubing and long stroke with rig to ensure pump action. RDMO PU.
- 7) Start well pumping at 4 SPM and 120" SL. Run dyno and shoot fluid level  $\pm$  1 week after unit has started.
- 8) Report pre and post start up data to Tom Boyce

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/25/2010	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: PWOP	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. has acidized this well & put it on a pump per the attached summary report.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> March 02, 2010		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/2/2010	

# EXECUTIVE SUMMARY REPORT

1/21/2010 - 3/2/2010  
Report run on 3/2/2010 at 10:15 AM

## Little Canyon Unit 12-16HX

Section 16-11S-20E, Uintah, Utah, Roosevelt

1/22/2010 EOT @ 8809'. WA/MV perfs fr/5515' - 8982'. First rpt to PWOP. MIRU TEMPLES WS rig #1. Bd well. Ppd dwn csg w/40 bbls TFW & KW. TIH w/2 jts 2-3/8" tbg, tgd fill @ 8855'. TOH w/267 jts 2-3/8" 4.7#, J-55, EUE, 8rd tbg, 2-3/8" SN & 1/2 BRS. Tbg showed hvy external sc BU fr/8677' FS - EOT @ 8809' (Last 4 jts ). Smpl taken for analysis. Recd plngr & BHBS in SN. PU & TIH w/4-3/4" WO shoe w/5' extn, bumper sub, 2-3/8" SN, 6' x 2-3/8" tbg sub & 160 jts 2-3/8" tbg. EOT @ 5280'. SWI & SDFWE.

1/25/2010 ===== Little Canyon Unit 12-16HX =====  
EOT @ 5280'. Bd well. Ppd dwn tbg w/40 bbls TFW & KW. Contd TIH w/WO shoe & 106 jts 2-3/8" tbg, tgd sc bridge @ 8850'. RU pwr swivel & AFU. Estb circion. CO sc bridges & fill fr/8850' to 9058', WO BRS & DO FC @ 9058'. Contd DO/CO fill to 9076' ( hd drlg ). Circ hole cln for 2 hrs. Ppd dwn tbg w/40 bbls TFW & kld tbg. RD pwr swivel & AFU. Att to TOH w/tbg, tbg became stuck. RU pwr swivel. Att to wrk tbg free w/no success. EOT @ 9058'. SWI & SDFN

1/26/2010 ===== Little Canyon Unit 12-16HX =====  
EOT @ 9058'. Bd well. RU AFU & estb circion. Circ hole cln for 1 hr. Wk tbg fr/ 36,000 - 55,000 w/ pwr swvl, tbg pld free. Ppd dwn tbg w/20 bbls TFW & kld tbg. RD pwr swvl & AFU. TOH LD 267 jts 2-3/8" 4.7#, J-55, EUE 8rd tbg, LBS & WO shoe w/ 5' extn. LD tls. TIH PU w/ 5-1/2" RBP, 5-1/2" PKR & 46 jts 2-3/8" 4.7#, L-80, EUE, 8rd tbg. EOT @ 1500'. SWI & SDFN

1/27/2010 ===== Little Canyon Unit 12-16HX =====  
EOT @ 1500'. Bd well. Contd TIH w/5-1/2" RBP, 5-1/2" PKR & 228 jts 2-3/8" 4.7#, L-80, EUE, 8rd tbg. Set RBP @ 9015'. TOH w/30 jts 2-3/8" tbg. EOT @ 8025'. SWI & SDFN.

1/28/2010 ===== Little Canyon Unit 12-16HX =====  
EOT @8025'. Bd well. TIH w/26 jts 2-3/8" tbg. MIRU Frac-Tech ac equ. PT surf equip to 4000 psig. Proceed w/8 stage ac trtmnt as follows: Stage #1. Isol MV perfs fr/ 8906' - 8982. Trtd perfs w/260 gals 15% HCL ac w/ adds, mutual solvent, iron seq & corr inhibitor. Flshd w/37 bbls TFW. Max trtg press 2986 psig @ 1.2 BPM. ISIP 140 psig, 5" SIP 0 psig. Stage #2. Move tls & isol MV perfs fr/ 8780' - 8876. Trtd perfs w/156 gals 15% HCL ac w/ add's, mulual solvent, iron seq & corr inibitor. Flshd w/37 bbls TFW. Max trtg press 2986 psig @ 1.8 BPM. ISIP 2460 psig, 5" SIP 1500 psig. Stage #3. Move tls & Isol MV perfs fr/ 8382' - 8532'. Trtd perfs w/338 gals 15% HCL ac w/ add's, mulual solvent, iron seq & corr inhibitor. Flshd w/35 bbls TFW. Max trtg press 2986 psig @ 0.9 BPM. ISIP 2760 psig, 5" SIP 2000 psig. Stage #4. Move tls & isol MV perfs fr/ 8292' - 8318'. Trtd perfs w/234 gals 15% HCL ac w/ add's, mulual solvent, iron seq & corr inhibitor. Flshd w/35 bbls TFW. Max trtg press 2059 psig @ 5.3 BPM. ISIP 100 psig, 5" SIP 0 psig. Stage #5. Move tls & isol MV perfs fr/ 8181' - 8254'. Trtd perfs w/260 gals 15% HCL ac w/ add's, mulual solvent, iron seq & corr inhibitor. Flshd w/35 bbls TFW. Max trtg press 2929 psig @ 4.1 BPM. ISIP 1000 psig, 5" SIP 0 psig.

# EXECUTIVE SUMMARY REPORT

1/21/2010 - 3/2/2010  
Report run on 3/2/2010 at 10:15 AM

Stage #6. Move tls & Isol perfs fr/ 7410' - 7480'. Trtd perfs w/364 gals 15% HCL ac w/add's, mutual solvent, iorn seq & corr inhibitor. Flshd w/32 bbls TFW. Max trtg press 2964 psig @ 4.4 BPM. ISIP 1000 psig, 5" SIP 0 psig. Stage #7. Move tls & Isol perfs fr/ 6226' - 6486'. Trtd perfs w/156 gals 15% HCL ac w/add's, mutual solvent, iron seq & corr inhibitor. Flshd w/27 bbls TFW. Max trtg press 2086 psig @ 5.1 BPM. ISIP 0 psig, 5" SIP 0 psig. Stage #8. Move tls & Isol perfs fr/ 5515' - 5524'. Trtd perfs w/60 bbl TFW chem pill containing 165 gal's Nalco EC6652A sc inhibitor, 5 gal's Nalco EC 6106 biocide, 5 gal's 1000 MA 844, 25 bbl TFW spacer, 232 gal's 15% HCL ac w/add's mutual solvent, iron seq & corr inhibitor. Flshd w/24 bbl's TFW. Max trtg press 1964 psig @ 6.1 BPM. ISIP 1800 psig, 5" SIP 1000 psig. Bd well, ris PKR. TIH rec RBP & TOH w/100 jts 2-3/8" tbgs. EOT @ 2136'. SWI & SDFN

===== Little Canyon Unit 12-16HX =====  
1/29/2010 Bd well. TOH w/60 jts 2-3/8" tbgs. LD pkr & plg. TIH w/ 5-1/2" x 2-3/8" Tech Tac TAC, 6' x 2-3/8" tbgs sub, 4' x 2-3/8" perf tbgs sub, 2-3/8" SN & 274 jts 2-3/8" tbgs. Broached all tbgs w/1.9" OD broach. ND BOP. Set TAC top @ 9,027'. Ld tbgs w/donut tbgs hgr in 12 K tens. SN @ 9,017'. EOT @ 9,032'. PBTd @ 9,051'. WA/MV perfs fr/5,515' - 8,882'. NU WH. RU swab tls. BFL @ 4,200' FS. 0 BO, 23 BLW, 4 runs, 3 hrs FFL @ 4,400' FS. SICP 100 psig. RD swb tls. SWI & SDFWE.

===== Little Canyon Unit 12-16HX =====  
2/1/2010 EOT @ 9031'. SN @ 9016'. RU & RIH w/ swb tls. BFL @ 4100' FS. S. 1 BO, 100 BLW, 23 runs, 9 hrs. Smpl taken every hr. Brown gas cut wtr, ltl solids, tr of O. PH 7. FFL @ 4800' FS. SICP 900 psig. SWI w/csg flwg to sales. SDFN.

===== Little Canyon Unit 12-16HX =====  
2/2/2010 RU & RIH w/ swb tls. BFL @ 5000' FS. S. 0 BO, 9 BLW, 2 runs, 1 hr. Smpl taken. Brown gas cut wtr, v, ltl solids, tr of O. PH 7. FFL @ 5000' FS. FCP 90 psig. LD swb tls. PU & loaded new 2" x 1-1/4" x 16' x 19' RHBC pmp ( XTO #250 ) w/8' x 1" dip tube. TIH w/ pmp, 26# K shear tl, 2 - 7/8" x 4' rod stabilizer subs, 10 - 1" APIK sbs, 60 - 3/4" Norris 96 skr d w/ " T " couplings, 5 molded guides per rod, 288 - 3/4" Norris 96 slick skr d w/ " T " couplings, 5 - 3/4" rod sub ( 6', 6', 6', 2', 2', 22' ) & 1-1/2" x 26' PR. Seated pmp & SWO. PT tbgs to 500 psig w/22 BW. LS pmp to 1000 psig w/rig. Gd PA. Clamped off rods for PU installation. SWI w/csg flwg to sales. RDMO TEMPLES WS rig #1. Rpts suspnd, turn well over to facilities.

===== Little Canyon Unit 12-16HX =====  
2/25/2010 The Little Canyon Unit 12-16HX PWOP. Stroke Length 120. 4 SPM. This well is on Route #210. XTO allocation Meter # RS 1474 RF. RTU Group 10. Address 37. Waynes Check CDP Meter #RS1264CT. RWTP @ 10:00 a.m., 2/25/10. Final report begin test data.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739783	LCU 9-36F		NESE	36	10S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	17080	14619 ✓	9/1/2008		12/1/2008 <i>2008</i>		
Comments: WSMVD = WSMVD <span style="float: right;">— 8/24/10</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304740078	LCU 12-16HX (RIGSKID)		NWSW	16	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	16815	14619 ✓	4/25/2008		12/1/2008 <i>9/8/2008</i>		
Comments: MVRD = WSMVD <span style="float: right;">— 8/24/10</span>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

BARBARA A. NICOL

Name (Please Print)

*Barbara A. Nicol*

Signature

REGULATORY COMP. TECH 8/18/2010

Title

Date

**RECEIVED**

**AUG 23 2010**

**DIV. OF OIL, GAS & MINING**